

digital

MAYNARD

DIGITAL THIS WEEK



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The momentum continues

Digital introduces VAX 8550 and VAX 8700

With the introduction of two new VAX computers -- the VAX 8550 and VAX 8700, Digital now offers a full spectrum of systems designed to use high-performance VAXBI peripherals. Both systems use the same design architecture as Digital's highest performing system -- the VAX 8800. Both are single-processor, general-purpose, multi-user computers, applicable to all markets.

The VAX 8550 has the power of six VAX-11/780's in the same compact packaging as the recently introduced VAX 8500.

Prices for the VAX 8550 start at about \$364,000, just \$100,000 more than the VAX 8500. The VAX 8700 offers the same performance as the 8550 but in a large, triple-cabinet configuration that can expand with options and upgrades to the power of the dual processor VAX 8800. Its starting price is about \$433,000. Upgrade kits will be made available in the near future to allow VAX 8500 customers to upgrade to the VAX

8550, and VAX 8700 customers to upgrade to the VAX 8800.

Compared to the performance of the VAX-11/780, the full range of VAXBI systems now includes: the VAX 8200 at 1; VAX 8300 at up to 1.9; VAX 8500 at 3; VAX 8550 at 6; VAX 8700 at 6; and VAX 8800 at up to 12.

The performance of the VAX 8550 and the VAX 8700 is equivalent to that of the VAX 8650, which uses the older MASSBUS and UNIBUS peripherals. Customers who wish to use MASSBUS peripherals would continue to choose the VAX 8650, as would those who need up to six UNIBUS adaptors. The VAX 8650 is also the system of choice for those customers who have immediate requirements for ULTRIX, since Version 2.0 of ULTRIX-32, which supports the newer VAXBI systems, is still under development. It will be announced sometime in the near future. OEMs who have standardized on that

architecture will also continue to order the VAX 8650 for some time.

Explains Wally Cole, VAX 8700 and VAX 8550 product manager, "The new products are the VAXBI technology alternative to the VAX 8650.

"With this announcement, we are providing more VAXBI family equipment choices. We can now say, 'Pick your performance range. Pick your price range. We have the system to meet your requirements.'

"In January we introduced the VAX 8800 -- Digital's highest performing system ever. That brought us into the realm of very high performance million-dollar large-scale computer systems. Then we came in with the VAX 8500 where we replaced the VAX-11/785, providing twice the performance at the same price. Now we are providing two new systems with six times the performance of a VAX-11/780, the VAX 8550, Digital's

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NPO retiree employment program a first for Digital

New Product Operations (NPO), formerly called Maynard Plant, has launched a Retirees Temporary Employment Program, the first of its kind for Digital. The pilot is being carried out in the Low Volume Manufacturing operation of NPO, which, as the original modules shop, is the oldest manufacturing unit in the company.

"Retirees are invited to work in assembler jobs one day per week, with a maximum of three people per day or 15 per week for the pilot period," says Bob Casperson, Low Volume Manufacturing personnel consultant. "They also receive training. During Q3 of FY87, the pilot will be evaluated and we will consider expanding the program into other NPO departments." Ten retirees participate in the program, which is currently offered only to retirees of the Mill.

Rick Thistle, Low Volume Manufacturing manager, sees some definite benefits to the organization as a result of the program. "When we need additional help to manage the peaks and valleys that are inherent in new product workloads, it will allow us to use people who are familiar with our opera-

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Bill Johnson and Hilda Torppa are two of the 10 retirees who have begun working at the Mill as assemblers under the Retiree Temporary Employment Program. Bill, who retired in 1984, and Hilda, who retired in 1976, returned to Digital in June.

New software enhances network management, performance

Digital has introduced new distributed system management software that makes managing a network of MicroVAX II systems and VAXstation II workstations almost as easy as managing a single system. With Digital's Remote System Manager (RSM) software, a central system manager can efficiently perform tasks such as installing software, providing software updates, and making backup copies of files, thus freeing users from performing system management duties at each separate, distributed system.

"RSM software complements and builds upon Digital's industry-leading DECnet network capabilities, which gives users access to all the benefits of comprehensive network management and numerous applications functions, such as remote file access, file transfer, and electronic mail," says Bob Murray, Networks and Communications Marketing Group manager.

With RSM software, a "server" system performs system management functions for other "client" systems in an Ethernet local area network. The server can be either a VAX or MicroVAX II system running the server software. The number of clients supported varies with the size, power, and storage of the server.

The software also includes two main menus that guide the system manager through both software installation and daily system management tasks. The installation menu enables the system manager to "register" computer systems as clients of the server, and is used when installing software on client computers. The management menu is used for ongoing, repetitive tasks, such as making backup copies of users' files. ■



Digital recently won an award for its development of a CDROM reader. The company was the first to introduce an integrated system approach to optical disc technology.

CDROM group wins award for optical memory achievement

Digital's development of compact disc read-only memory technology has won the "Optical Memory News" 1985 Distinguished Achievement Award for Excellence in Optical Memory, Compact Disc or Videodisc Technology. "Optical Memory News" is the leading consulting newsletter in the optical market.

The award was based on Digital's development of its hardware and software systems and cited specifically the CD reader, the integration under the VMS operating system, as well as the mastering system software which allows discs to be created. Also cited as a factor in the recognition was the company's development and proposal of UNI-File as a file format for CDROMs.

Receiving the award were Bill Heffner,

vice president, Software Development; Grant Saviers, vice president, Storage Systems Engineering and Manufacturing; Frank Hassett, senior engineering manager, Display Systems Software; Andy Goldstein, senior consulting software engineer, VMS Development, who worked on the UNI-File format; and Dave Brown, group manager, Tape and Optical Products.

Digital has been involved for some time in the application of optical storage technology for computers. More than two years of work preceded the announcement of the CDROM program in May of 1985. The company was the first computer manufacturer to introduce an integrated system approach to optical disc technology along with the hardware, software and services to implement it. ■

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Send stories, photos, ideas or suggestions to DTW, CFO2-3/K23 or call the editor at DTN 251-1307. Electronically, the editor may be reached on DECmail @CFO or at CELICA::KNELSON. Ads must be submitted in writing to Marketplace, CFO2-3/K23. Please direct all Marketplace inquiries to DTN 251-1308.

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NPO retiree employment program . . .

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tion and are committed to Digital," Rick says.

NPO Plant Manager Rufus Sanders believes the Temporary Employment Program is an excellent example of the partnership between Personnel and Manufacturing Operations within NPO. Says Rufus, "The results of this partnership have been to devise a creative program to provide part-time work for retirees and at the same time provide flexible human resources for our manufacturing operations."

In the past, Maynard's Manufacturing Operations have utilized contract workers when the workload has increased for a short period of time. The evolution to New Product Operations means that workload fluctuates more rapidly than ever before due to the nature of the new products environment. Because of that, says Bob, "we need the flex-

ibility to quickly ramp-up and -down the production workforce. Our retirees provide that flexibility.

"We are often asked by retirees if there is any part-time work they could do," Bob notes. "Many of them find that they have extra time on their hands and they miss the company and the friends they worked with." Bob adds that retirees continue to receive their retirement benefits while participating in this program.

For more information, contact Joe Ballou, Business Manufacturing manager at DTN 223-2321; Rick Thistle, Low Volume Manufacturing manager, DTN 223-3421; or Bob Casperson, DTN 223-3668. Specific policies regarding the rehiring of U.S. retirees can be found in Section 2.01 of the Personnel Manual. ■

Doug Clark promoted to Senior Consulting Engineer



Doug Clark has been promoted to Senior Consulting Engineer for the Advanced VAX Systems Engineering group, reporting to Don McInnis.

Doug joined Digital in 1980. As a member of the System Architecture Group, he participated in a set of

hardware performance measurements of the VAX-11/780. Results of this work (done jointly with Joel Emer, J Grady, and Hank Levy) have been used in the design of recent VAX processors, such as the Nautilus family.

Doug transferred to the Nautilus group in 1982 as I-box leader. As the design became stable, he coordinated the group's CPU simulation activity, and then helped manage and cater the debug effort on the first hardware prototype. This work led to the VAX

8800, 8700, 8550 and 8500 products. He is currently working on the Nautilus follow-on design.

"Doug is a company leader in VAX microarchitecture," says Don. "His leadership has contributed greatly to the success of the VAX system."

Doug has given numerous seminars within the Digital Engineering community and at various universities. An author of about a dozen articles in technical journals, Doug is also an associate editor of the ACM "Transactions on Computer Systems." This year he served as Program Co-Chairman for the 13th International Symposium on Computer Architecture.

Before coming to Digital, Doug was a member of the research staff at Xerox PARC, where he worked on the Dorado computer. He holds a B.S. in engineering and applied science from Yale and a Ph.D. in computer science from Carnegie-Mellon University in Pittsburgh. ■

Digital Video Network expansion announced

The Digital Video Network (DVN), Digital's own television network, is expanding from the current 22 U.S. and Canadian locations to a total of 43 locations during Q2 and Q3 of FY87. In operation since November 1985, the satellite-based television network has broadcast programs of interest to employees from the Bedford television studio to participating Digital locations nationwide.

The majority of these new sites are the new Application Centers for Technology. These additional sites will provide DVN coverage in the following cities: Detroit, Chicago, Atlanta, Denver, Seattle, Philadelphia, Washington, D.C., Santa Clara, Calif., Hartford, New York City, Rochester, Cleveland, Dallas, Houston, and St. Louis. In addition to the Application Centers for Technology, DVN will be expanded to include the following sites: Augusta, Maine; Shrewsbury, Westford, Chelmsford, Stow, and Woburn, Mass.; and Princeton, N.J.

The next scheduled DVN broadcast will be on August 19 from 2 p.m. to 3 p.m. Eastern time when Corporate Employee Communication will sponsor the fourth edition of "Between The Lines." Guests for this live program are Ken Olsen, Jim Osterhoff, Jack Smith, and Jerry Witmore, who will discuss Digital's FY87 goals. The telephone lines will be opened for viewers' questions.

The broadcast can be viewed at the following sites. Site coordinators' names and DTNs are in parentheses:

Bedford (Peter Trusevitch, 249-1492)
 Boylston (Elaine Bowen, 245-5250)
 Burlington (Jim Gillespie, 274-7237)
 Parker Street (Richard Bonazzoli, 223-4395)

Marlboro (Tammaris Mitchell, 297-2525)
 For more information about DVN, contact Carl Ebrahimian at DONJON::EHRAMJIAN or Brenda Celeste at DONJON::CELESTE. ■

Peter Hawker appointed Corporate Employee Benefits manager



Peter Hawker has been named Corporate Employees Benefits manager, reporting to Carol Burke, manager, Corporate Personnel and F&A Personnel. In his new position, Peter will be responsible for developing the benefits direction and strategies

for the company and the companywide coordination of these strategies.

Peter joins Employee Benefits from the Treasury organization, where he was Com-

pensation and Benefits Finance Manager. His responsibilities there covered the financial management of Digital's pension plans, welfare trusts and insurance programs. Prior to that, he was the European Benefits Manager where he was responsible for the management of employee benefit plans throughout Europe, covering both the design and financing of programs.

Before joining Digital, Peter was with Clay and Partners, a London-based firm of employee benefits consultants.

Peter has a B.S.C. degree in mathematics and statistics from the University of Leeds in England. ■

Alan Zimmerle appointed Corporate EEO manager



Alan Zimmerle has accepted the position of Corporate EEO manager. He will be a member of Carol Burke's Corporate Personnel staff.

Alan has been the Southern Area Personnel manager for the Field since 1983. In that capacity, he

has built a successful Personnel delivery or-

ganization serving 12 states and some 3,500 employees. He began at Digital in 1979 in the Field EEO/AA organization, and served as Field EEO/AA manager from 1981 to 1983. While in the latter position, he established and implemented a long-range plan for mainstreaming EEO/AA and introduced Managing Difference programs and strategies to Field management.

Prior to joining Digital, Alan held Personnel and Finance management positions with Converse, Inc. He attended Trinity College in Hartford. ■

Larry Goodwin named Western Area Sales manager

Larry Goodwin has joined Digital as Western Area Sales manager. He succeeds Joe DiNucci, who was recently appointed U.S. Sales manager for Workstations.

Larry joins Digital from the Burroughs Corp. where he was vice president and general manager of their Western Region, headquartered in Irvine, Calif. Previously, Larry had been director of sales for Net 1000 at AT&T Information Systems. His background also includes 15 years of sales and marketing management experience at IBM, where he had been manager of point-of-sale marketing.

Larry holds a B.S. in mechanical engineering and an M.B.A. from the University of Maryland. ■

THE MARKETPLACE



APPLIANCES

- COMPACT FRIDGE, Toshiba, almond, 2.6 cu ft, mint cond used 1 mo, 32" h, 20" w, 18" deep, \$90, Susan, 225-5433
- UPRIGHT FREEZER, GE, 14.8 cu ft, excellent cond, \$250 firm, Donna, 297-2490
- DRYER, 5yrs old, excellent cond, Kenmore electric, \$100, Hagos, 297-2452
- DRYER, Kenmore elect, exc cond, orig/\$250, sell/\$100; Elec heater, oil fill, 1 yr old, \$75, Pam, 244-6440

CARS

- '76 SAAB 99, gd running cond, many new parts, gd reliable 2nd car, \$950, David, 289-1944
- '84 TRANS AM, red, 35K aero pkg 305HO, load w/factory optns, T-tops, ac, pw, ps, \$10900/BO, Barbara, 296-5516
- '78 FORD GRANADA, 6cyl, 4spd o.d., ps/pb, am/fm cass, new bat/exhst/shcks, 1tl rust, \$700/BO, Dan, 223-3087
- '79 OLDS CUSTOM CRUISER Station Wagon, excl cond, \$2500, Ed, 272-7311
- '85 JEEP CJ7, Laredo, 4.6L, 6cyl, 5sp, ps, am/fm cs, mny extras, 9Kmi, must sell-moving, \$10900, Ken, 381-2198
- '84 PONTIAC FIREBIRD, auto, V8, ps, pb, am/fm ster, 36K a/c, defg, tilt wl, blk/grey int, \$9K/BO, Doug, 223-8723
- '83 TOYOTA CELICA GT, 5spd, exc cond, well maintained 80K mi, \$5500, Anne, 297-4342
- '79 DATSUN 210, 2dr, 4spd, am/fm radio, beige, 69Kmi, depnd trans, \$1200, Sharon, 251-1708
- '85 PLYMOUTH HORIZON, 4dr, 17K hwy miles, 5spd, am/fm exc cond, \$5000, Jackie, 297-4816
- '82 DATSUN 310 gold htchbk, 4spd, runs exc, body exc 60K mi, \$2850/BO, Donna, 297-6702
- '76 DATSUN B210 htchbk, \$600 firm, Sandy, 249-4981
- '81 SUBARU GL WAGON, 65K mi, gd cond, am/fm stereo, standard, new tires/mufflr, \$2900, Paula, 297-6811
- '84 DODGE DAYTONA, 42Kmi, 5spd, frnt whl dr, delay wipe, rstprf, snrf, exc cond, am/fm, \$6K, Ellen, 262-8375
- '85 MAZDA RX7 GSL-SE, 5spd, loaded, garagd all wnter, full Chapan system, baby on the way, Rose, 381-2779
- '80 SUBARU GL WAGON, white, 80K mi, minor rust, new clutch/brakes, \$2400, Mary, 223-9807
- '83 HONDA Civic S, 1.5L, 5sp, sport pkg, ac, black, exc cond, 32K mi, \$5700, Ken, 381-2198
- '83 MAZDA RX7, met blue, all options, 2 roofs, alarm, garaged, 33Kmi, must see, \$8900, Frank, 226-6625
- '80 FORD FIESTA, no rust, runs great, 31 mpg, asking \$950, Brian, 223-3086, PISCES::POWLER
- '80 SAAB 900 TURBO, exc cond, 2dr coupe, 5spd, Chapman alm, ps, pb, snrf, tint gl, \$5500/neg, Kristin, 221-5461
- '81 VW RABBIT, blk, red int, am/fm cas, snrf, ac, 5spd diesel, 45mpg, rstprf, ex cond, \$2500/BO, Steve, 297-4619
- '77 CHEVY NOVA, good cond, nds mufflr, \$1000, Teri, 262-8376
- '80 FORD FIESTA, 3dr, blue, seasonal snrf, stereo & cassette, Rodolfo, 296-3413
- '81 CAMERO, V8, spt coupe, t-top, ac, cc, auto, blk w/ red pn strp, pb, ps, rwd, tilt whl, \$5.5K, Peg, 247-2586
- '84 TOYOTA CAMRY, AT, ps, pb, pwr pkg, cruise, etc snrf am/fm, ac, met red, \$8900, Tom, 297-2458
- '81 CHEVETTE, htchbk sedan, 4spd, 64Kmi, body good, runs good, am/fm, \$2100, Bud, 273-3226
- '87 CAMARO CONV, 327 Asp, pwr top, blue/white, no rust, stored winter, \$4200, Greg, 231-2381
- '79 MAZDA 626, 4 dr sedan, 2nd motor 40Kmi, ex cond, new radiatr, batt, hoses, tires, \$2750, Dian, 297-5674
- '76 FURY, 2dr, 6cyl, gd running cond, 4 new tires, son leaving for school, must sell, \$450/BO, Rita, 226-6351
- '81 TOYOTA STARLET, 3 dr, 5spd, am/fm, snw tires, \$2350, Mike, 223-1118
- '85 OLDS CUTLASS SUPREME, 2dr, 6cyl, loaded, exc cond, 36K, gray/gray, \$8500, John, 274-6637

FURNITURE

- LOVESEAT, 2chrs (rockers), end tables w/lamps \$250; ok walnut bkbeds w/l mat, \$140, Christine, 297-2620
- GENTS CHEST, Scandinavian Design, 1 yr old, valued @ \$1100, sell for \$900/BO, Stanley, 297-5668

COUCH, cntap sectal, beige, EC, \$450; watching chair & ottoman, \$300; walnut wall unit \$45; Dev, 251-1367

MISCELLANEOUS

- MOVIE CAMERA, Super 8, Eumig, exc cond, used only few times, pd \$200+, price \$85 firm, Jean, 239-6784
- STEREO CASS TAPE DECK Pioneer CT-F555 Metal/CRO2/normal, 2 hds, Dolby, logic cntrl, \$95, Brian, 283-7695
- DRESS SHOES, Florsheim, mens sz 9D, leathr cordovan, lk new, too small, cost \$50, sell/\$25, Joan, 251-1308
- STEREO, Hitachi, one unit, radio, tapeplayer, turntbl wth speakers, \$100, Susan, 226-7208
- SINGER SEW MACHINE, zigzag atch, bttnholr, cabinet, \$75/BO; Sears top of car carryal \$25; Bill, 223-3982
- ANSWERING MACHINE, Code-a-Phone, #2530, almost new, total beeperless remote, \$95, Harve, 223-9537
- WOOD STOVE, Ashley, takes 24 logs, ventltd cage arnd firebox, coal/wood, asking \$250, Priscilla, 226-6586
- MILK CAN, black, drop handles, \$18; mahogany frame glass tray, 16"x19", \$20; Mary Ellen, 223-4053
- TIRES (4) LR78-15 (2 on Chevy rims) \$150; 2 studded snows A78-13 \$50; lge dog house \$30, John, 223-5422
- PATRIOT TICKETS (2), preseason Patriots vs Washington Redskins, Aug 10th, exc seats, \$35, Frank, 223-6284
- BARBIE DOLL FURN, clothing, camper, negotiable; barn-board, 2pkgs, 1cut, orig \$50, \$25/BO, Carol, 234-4406
- RADIAL SNOW TIRES, (4) Michelin, P155/80R13 X MSI, like new, \$100, Maureen, 249-4225
- SNOW THROWER, two stage; Air Conditioner (7500 BTU); 8 HP Riding Lawn Tractor & others, Jose, 272-7168
- PRO 350 COLOR MONITOR 10MB disk 768K LA100 + add HW & SW, cost \$9000, asking \$3995/BO, Joan, 282-1583
- ACOUSTIC GUITAR, Guild D-25 w/hard case, exc cond, \$240, Dean, 296-5265
- VARI-KENNEL lg dog cage (used), meets all rules to ship animals, 40"Lx27"Wx30"H, \$65, Joe, 225-5697

MOTORCYCLES

- '82 HONDA SILVER WING, GL500CC, 1400mi, shaft-drive, \$1400/BO, Edith, 223-1342
- '85 KAWASAKI 454 LTD, new this year, 1800mi, just broken in, \$1700/BO, Joe, 381-2880
- '79 KZ400, 12K mi, exc cond, \$600, Ed, 272-7311
- '82 YAMAHA 650 SECA, bought new in '84, 4Kmi, exc cond, \$1900/BO, Mike, 226-2612
- '77 SUZUKI GS550cc, 15K mi, fun bike, new tires, chns sprckts, \$700/BO, see/Acton or Nashua, Lee, 244-6635

REAL ESTATE

- BAR HARBOR/ELLSWORTH, ME, ocn frnt, 4.27acr, on peninsula, 200' frntage, perked, \$84900, Jeanne, 223-9355
- SUDBURY, MA, 4br, 1 1/2b, 3/4 ac ranch, cntry ktchn w/ skylight, \$190K, Louise, 223-5177
- SUDBURY, ranch on wooded hillside, 3br, 3bth, pool, fin bsmt w/own ktchn, bath, \$279K, Ann, 223-6847
- LOWELL, 2br twbhs cndo, w/w, cntrl air, garage, nr 3 & 495, \$115900, Tony, 381-2653
- BROOKLINE, lbr condo, 9th flr, pnd vw, lrg ktch, acrtly pool, hltchlb, 2 spc pk, Joe, 223-6230, SYSENG: A5FOUR
- OSIPEE, NH, land, 2 buildable lots, 1/4 mi to marina, 5.2A, mt views, abuts cons area, 18K, Dale, 223-6566
- ALTON, NH, cntmp yr rd lake hse w/rights 350' bch, 4 bdr, 2b, flr cellr, 20wn/Gunatck, \$119K, Karen, 264-0560
- MILFORD, NH, lux duplx/condo, priv loc, 3br, 1 1/2b, lg deck to woods, bsmt, garage, \$116900, Jay, 381-2758
- SOUTHBORO, renov 3bdr split, 2 1/2bth, 2 car gar, deck, pool, priv wooded lot, \$182900, Peter, 264-4471
- AMHERST, NH, 3000sf 4bdr Garrison, hdwd fl, 3fp, gourmet kit, priv lot, \$263900, Dennis, 226-7198

RECREATION VEHICLES

- '73 MOTOR HOME, Dodge Shasta, exc cond, slp 6, self contained, frnt air cruise cntrl, Faith, 223-7725

RENTALS

- SO YARMOUTH, CAPE COD, 2bdr, exc prch, bbq, nice area, nr bch/shps, no pet, avl Aug \$425/wk, Roger, 274-6630

HYANNIS, CAPE COD, new 2bdr hse, slps 5, quiet st, nr Cragville Bch/Cape Cod Mall, Nathan, 223-8560

- HUDSON, MA, stdio apt, prv hse/entrnc, 1st fl, ful kit cer bth, w/wk ac, ptio, no pet, \$290/mo, Carol, 223-2890
- EDGARTOWN/VINEYARD, cntemp slps 6, all amenities, tennis, Sep/Oct \$400/wk, Frank, 223-8970
- BOXBORO, looking for 2 M/F 26+, shr hse w 1M/1F, 20 mn/Maynrd, \$288+1/4 util, oil ht, Marjie, 241-3626
- SHIRLEY, 3br hse, lb, frpl, deck, w/d, dshwshr, 8 mo old quiet area, \$800+util, John, 226-6261
- DENNISPORT, 3bdr cottage, 100 yds/priv ocn bch, \$195 wknds, \$475/wk 9/1-10/30, Nancy, 244-6344
- W. YARMOUTH, CAPE COD, 3bdr rch, 1M/1F/Seagull Bch, avl 8/23-30 \$600/wk, Sept \$400/wk, slp 6, Pat, 297-5310

- NORTHBORO, 2br duplx, quiet w convenient area, appl, attic, \$550+util, Wendy, 276-9557
- NO CONWAY, WHITE MTNS, Linderhof chalet, lux 3 bdr ful equip, avl season, month, week, Mike, 225-5126
- NORTHBORO, 2br condo, w/w, lr, dr, kit, a/c, no pets, \$750+elec, see dep, Herb, 285-6099
- FALMOUTH, MA, hse, slp 6, 100' to saltwater, ful equip near evrything, \$400/wk, Paul, 223-3548
- WORCESTER, 3bdr apt, \$450/mo w/appliances, avl Aug, no pets, Cyrus, 296-5025
- HARWICHPORT, CAPE COD, ocnfrnt, 2br, 2b, all amenities \$1300/wk, min 2 wks, Lori, 276-8632

- NO CONWAY chalet, 3br, slp 8, ful furn, priv bch/Saco Rivr, tennis, canoe, hike, ride, wk/wknd, Bob, 297-4465
- LYNN, 1 bdr apt, \$625/mo+ util, exc location, private jacuzzi, deck, a/c, (days) Jeff, 617-599-2383
- WORCESTER, 2bdr, hdwd flrs, new appl, Whirlpl, garage newly renovtd, mny amenities, \$600, Bob, 244-7649
- NO CONWAY, 3bdr, 2bth, lakefrnt cntmp w/canoe/dock fall wknds/\$200, weeks/\$400, Van, 223-2856
- WELLS, ME, ocn w/ cottage, slp 4, kit, color TV, ingrnd pl, deck, avl 8/31-9/7, Bill, 251-1610

- WHITE MTNS, 2bdr twbse on river, slp 6-8, ful equip pool, tennis, sauna, George, 276-9623
- EDGARTON, MARTHAS VNYD, 1 yr old Acorn cntmp, 4br w/ loft, 2b, frpl, slp 10, avl 1st 2w Aug, Kathy, 223-6335
- LEONISTON, MA, 3bdr rch, gar, 1/2 ac lot, ant cond, nr schl/Rt 2, 117, 1195, no pets, \$850/m, Bernie, 297-6554
- WEBSTER, new twbse on lake, ful furn, 2bdr, 2 1/2b, lr, dr, pool, bch, 1/2hr/MRO, \$750+util, Gerry, 296-3488
- W. YARMOUTH, 2bdr, 1/2mi/priv bch, Seagull Bch, 8/23-9/6, \$450/wk, off seas avl for Sept, Steve, 225-6590

WHITE MTNS, on river, condo, 2bdr, 2bth, slp 6, tennis swim, jacuzzi, cable, more, wk/wknds, Leslie, 251-1228

ROOMMATES

- F roommate to find/shr 2bdrw apt/house Marlboro/Northboro area, nonsmkr preferred, Sue, 296-5375
- F, nonsmkr, quiet, shr 2bdr apt/nice area Fitchburg, \$250/mo+ 1/2 util, Selena, 223-6051
- F, prof, shr 3br hse/New Ipswich, NH, lg yrd/bsmt, lnn fr Mass line, avl 9/1, \$300/mo+1/2util, Lisa, 226-7506
- NONSMKR, shr 3br hse/Bolton, 2mi frw from 495, \$400/mo + 1/2 util, avl 9/1/86, Carol, 276-8377
- M/F, lux 2bdr condo, Boston, next to Prud Center, d/d w/d, f/p, m/w, etc, \$600/mo, Euclid, 237-3096
- F, shr 3bdr, 1 1/2bth duplex/Framingham, \$300/mo + 1/3 util, avl Aug 1, Dottie, 223-6487
- F, nonsmkr, shr new 2bdr, 2bth, 1/2 duplx, Clinton, MA ful furn exc 2nd bdr, \$300/mo+util, Beth, 297-5361
- M/F, shr spacious 2br apt, Shrewsbury, pool, tennis, extra prkg, \$290+1/2 util, Bill, 234-4075
- NONSMKR, prof, shr 3 bdr hse/So Acton, lg lawn, quiet nbrhd, \$300/mo + util, Mike, 226-7918
- M, nonsmkr, 25-35, shr 2bdr apt/Acton, pool, tennis, \$335 + 1/2 util, Don, 275-6137

SPORTING GOODS

- BICYCLE, wovns Schwinn, rode twice, exc cond, \$100/BO; Boys bike, needs some repair \$10; Faith, 223-7725
- PING PONG TABLE, practically new, \$50, Bill, 223-3982
- NORDIC TRAC INDOOR EXERCISER, assmbld, tested, used briefly, ask \$350/BO by Labor Day, Charles, 223-5641

news briefs

Digital Chinese Association to hold annual picnic

The Digital Chinese Association (DECCA) will hold its annual picnic Saturday, August 9, from 10 a.m. to 5 p.m. at Hopkinton State Park, Cedar Street, Hopkinton, Mass. Rain date is Sunday, August 10. The fee is \$5 per adult and \$2.50 per child. For more information, contact Stephen Cheng at DTN 289-1059 (CADLAC::CHENG). ■

Deadlines for 'Digital This Week'

Deadlines for Digital This Week have been established to help employees plan events and publicity around certain editions of the paper. Deadlines do not pertain to Market-place, which is first come, first served. The next three issues and deadlines for DTW: Aug. 18 issue — Aug. 6 deadline ■
Sept. 8 issue — Aug. 27 deadline ■
Sept. 22 issue — Sept. 10 deadline ■

Mill Site sponsors day trip to White Mountains

Mill Site Employee Services and Recreation will sponsor a one-day fall foliage tour to New Hampshire's White Mountains on Saturday, September 27. The bus leaves at 7:30 a.m. from the Mill (lower Thompson Street parking lot). Cost of the trip is \$33. Registration deadline is August 29. For more information, contact Carol Murphy at DTN 223-5402. ■

Ticket forms now available

Forms for free tickets to the Children's Museum of Boston, the Museum of Science and the New England Aquarium are now available in the employee information racks in Greater Maynard area facilities. There is a limit of four tickets per employee. ■

Aviation Services reminder

Please confirm flight times with Aviation Services when making reservations, since minor changes in the aircraft schedule are possible. Changes also may be found by accessing the schedule on LIVEWIRE. To insure proper connect times at Logan Airport, plan on 30 minutes enroute from Parker Street and Marlboro to USAir Gate 1. For more information about the flight schedule, contact Aviation Services at DTN 223-4003. ■

Meac offering shopping tour

Meac will conduct a shopper's bargain tour to the Fall River factory outlet stores on Saturday, September 6. The outlets offer savings on such items as clothing and bath and kitchen accessories. Buses leave at 8 a.m. from PK03 and return to Parker Street at approximately 7:30 p.m. Reservation deadline is August 15. Forms are available in employee information racks in Greater Maynard area facilities.

The cost of the trip is \$10. Please make checks payable to meac. Mail the completed form, check, and a stamped, self-addressed business-size envelope with your home address to meac, P.O. Box 18, Maynard, Mass. 01754. ■

Hispanic Heritage Week set for Oct. 6-10

The week of October 6 will be of special significance for Digital's Hispanic community. For the first time, the company will join the state of Massachusetts in celebrating Hispanic Heritage Week. During this week, the Hispanic community hopes to raise employees' awareness of Hispanics and their contribution to society.

A task force is in place to plan the week's activities. There will be exhibits, conferences, panel discussions and cultural activities through October 10. Future announcements will provide details on the activities and their location.

The task force welcomes the participation of anyone who is interested in working with it to make Hispanic Heritage Week a memorable occasion for Digital. For more information, contact Miriam Gonzalez at DTN 251-1368 (Miriam Gonzalez @CFO) or Jose Ramirez, DTN 251-1350 (Jose Ramirez @CFO). ■

Shrewsbury to honor Native American chief

As part of its ongoing Celebrating Differences program, the Northeast Technology Center in Shrewsbury will celebrate Native American/King Phillip Day on Monday, Aug. 11 at 11 a.m. in the amphitheater, 333 South Street.

The celebration honors King Phillip, the Wampanoag chief who led a brief revolt against the invasion of the white man in Massachusetts in 1675. King Phillip's attempt to unite his people will be remembered in speeches and music. Native Americans will attend in full tribal dress, and state Rep. Roberta Goldman will honor King Phillip in a speech.

For more information, contact Rosalyn Taylor O'Neale at 237-3575. ■

Power shutdown at Mill

The electrical power at the Mill facilities will be shut down Saturday and Sunday, September 13 and 14, beginning at 7 a.m. Preventive maintenance will be performed on all critical components of the electrical distribution system.

Any questions about the shutdown should be directed to Tony Terrasi at 223-7880. ■

String musicians wanted

The Greater Marlboro Symphony Orchestra is seeking experienced string instrument players for its 1986-87 season. For more information, contact Kelley Blubaugh at 297-5379. ■

educational opportunities

Technical Seminars

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

Unless otherwise indicated, seminar location are as follows:

APO	Gold Con. Room
HLO	Hall of White Mists
MRO	Hardware/Software Con. Room
LKG	LKO1-3 Cafeteria
ZKO	Babbage Aud.
MLO	Mill Caf. Con. Room
SHR	Room will be announced
LTN	Cafeteria

APO	289-1226	ERIE::SCOTT
HLO	225-4068	HUDSON::FIDLER
MRO	231-5097	HYPER::CSMALL
SHR	237-3258	APOLLO::HEDIN
LKG	226-7065	DELNI::NAPERT
ZKO	381-1057	ZEKE::LIBRARY
MLO	223-3674	MILRAT::COTOIA
LTN	229-6900	PHENIX::BETTE

Aug. 1, 2-4 p.m., MLO

Thomas McWilliams, VALID Logic Systems
"Simulation, Timing Verification, Real Products in the VALID Systems"

Aug. 5, 10 a.m., HWM, HLO1

Jun Gu, University of Utah
"An Intelligent Silicon Compiler"

Aug. 6, 10 a.m., HWM, HLO1

Jun Gu, University of Utah
"Path Programmable Logic (RPL)"

Aug. 7, 10 a.m., HWM, HLO1

Kent Wittenberg, MCC
"Modularity in Natural Language Interface Design: An Overview of the Lingo Project at MCC"

Aug. 12, 2-4 p.m., MLO

Richard Newton, University of California at Berkeley
"Synthesis"

Aug. 12, 3-4 p.m., LKG

Ken Sevcik, Toronto, Ontario, Canada
"Cycle Time Properties of the FDDI Token Ring Protocol"

Aug. 13, 10 a.m., HWM, HLO1

Richard Newton, U.Cal., Berkeley
"The Berkeley Synthesis Project"

Aug. 14, 2 p.m., MRO

Lionel Baldwin, National Technological University
"NTU Program"

Aug. 19, 10 a.m., HWM, HLO1

Terry Landers, Digital - AITG

"Integrated Access to Heterogeneous Distributed Database Systems"

Aug. 19, 2-4 p.m., MLO

Dom LaCava, Digital
"Micro Systems Development (MSD) Group Strategy"

Aug. 26, 10 a.m., HWM, HLO1

Charles Petrie, MCC
"Using Truth Maintenance in Expert Systems"

Aug. 27, 10 a.m., HWM, HLO1

Carl Sechen, Yale University
"TimberWolf: Placement and Global Routing for the Standard Cell and Macro Cell IC - Layout Styles"

Aug. 28, 2 p.m., MRO

Sharon Sambursky, VAX Mid-Range Systems Business - LTN Digital
"Overview of BI (Backplane Interconnect)"

Sept. 12, 9:30-11:30 a.m., APO

Dave Snow, Consulting Engineer, CSSE, Digital
"CPU Reliability - IBM vs. Digital"

Sept. 19, 2 p.m., MRO

Shirley Stahl, Graduate Engineering Education Program - HLO Digital
"GEEP Program" ■

Office Applications Training August-September course schedule

All course locations are PKO3-1/Pole 8H unless otherwise specified. Dates are subject to change. (*) Denotes new or revised course. Prerequisites are stated in the OA Catalog. Equivalent experience may be substituted.

Concepts

WPS Strategies & Presentations (2 days)

Aug. 25

Intro to Operating Systems and Hardware

Intro to VAX (2 days)

Aug. 11, 25, 27; Sept. 2, 9, 15, 23

Learn Rainbow (1 day)

PKO: Aug. 11, 25; Sept. 2, 15

MRO: Aug. 13, 18; Sept. 9, 22, 26

CP/M (1 day)

Aug. 6; Sept. 2

MS-DOS (1 day)

PKO: Sept. 16 MRO: Aug. 26

Rainbow Basic User Operations for Managers (2 days)

Aug. 18

Rainbow Applications for Managers (3 days)

Aug. 20

Multi-Function Office Systems

ALL-IN-1 Basic WPS-PLUS (1 day)

Sept. 18, 29

ALL-IN-1 Advanced WPS-PLUS (1 day)

Aug. 13; Sept. 15

ALL-IN-1 Desk Management (1 day)

Aug. 8

ALL-IN-1 Electronic Messaging (1 day)

Aug. 7, 26

ALL-IN-1 Basic User (3 days)

Aug. 20, 27

ALL-IN-1 Systems Overview (1 day)

Aug. 18

ALL-IN-1 Administrator (1 day)

Sept. 30

Rainbow Office Workstation (2 days)

Sept. 17

Information Management Systems

DATATRIEVE I (1 day)

Aug. 8, 12, 25; Sept. 2, 5, 15, 16, 22, 26

DATATRIEVE II (2 days)

Aug. 6, 26; Sept. 3, 17, 23

DATATRIEVE Report Writer (1 day)

Aug. 19; Sept. 5, 25

dBase II® (2 days)

Sept. 10

VAX VTX Information Provider (3 days)

Aug. 18; Sept. 8

VAX VTX System Operator (2 days)

Sept. 11

Document Processing

*DECpage (1 day)

Aug. 12; Sept. 2, 26

EDT (1 day)

Aug. 29; Sept. 11, 22

RUNOFF (1 day)

Sept. 12

Basic WPS (3 days)

Aug. 27; Sept. 8, 24

Advanced WPS (1 day)

Sept. 4, 15, 18

Basic WPS for Managers & Supervisors (1 day)

Sept. 5

Master Menu (1 day)

Sept. 3, 23

Rainbow Basic WPS-PLUS (2 days)

Aug. 21

Rainbow Advanced WPS-PLUS (1 day)

MRO: Aug. 8; Sept. 18

Financial Applications

DECalc (2 days)

Aug. 13, 28; Sept. 23, 29

Multiplan® (2 days)

Sept. 3, 29

Supercomp-Twenty® (2 days)

Sept. 29 ■

CP/M is a registered trademark of Digital Research. dBase II is a trademark of Ashton-Tate. GraphWriter is a trademark of Graphic Communications, Inc. Grafix Partner is a trademark of Brightbill-Roberts & Company, Ltd. 1-2-3 and Symphony are trademarks of Lotus Development Corporation. MS and Multiplan are trademarks of Microsoft Corporation. Overhead Express is a trademark of Business & Professional Software SUPERCOMP-TWENTY is a trademark of Access Technology, Inc.

Boston University off-campus offerings

Boston University Metropolitan College continues to offer undergraduate and graduate evening courses at the Digital training facility in Bedford as well as at Acton-Boxborough Regional High School. Classes begin September 3 at all locations.

ACTON-BOXBOROUGH HIGH SCHOOL
 Registration August 19, 4:30-7 p.m.
 Book Sale August 26, 4:30-7 p.m.
 September 3, 4:30-6:30 p.m.
 September 9, 4:30-6:30 p.m.

Fall Semester Course Listing - Acton-Boxborough High School

AC201 T3	Accounting I	Wednesday
AC201 T2	Accounting II	Tuesday
BE 565 T2	Labor Relations	Tuesday
CS101 T1	Computers and Their Applications	Monday
CS208 T1	Advanced Algorithms and Pascal	Monday
CS218 T2	Pascal for Programmers	Tuesday
CS225 T3	Assembler Programming Language	Wednesday
CS468 T4	Introduction to Language Theory	Thursday
CS547 T3	Discrete Mathematics for Computer Science	Wednesday
CS572 T1	Computer Organization	Monday
CS662 T4	Introduction to Computer Language Theory	Thursday
CS779 T2	Advanced Database Management	Tuesday
EC101 T3	Introductory Microeconomic Analysis	Wednesday
EN104 T2	English Composition	Tuesday
FI302 T4	Money and Banking	Thursday
HI101 T1	History of Western Civilization	Monday
MG530 T3	Business Strategy	Wednesday
MK301 T2	Principles of Marketing	Tuesday
MK411 T1	Promotional Strategy	Monday
MA105 T4	Pre-Calculus for Social Science and Business	Thursday
MA106 T3	Calculus for Social Science and Business	Wednesday
MA107 T1	Statistics for Social Science and Business	Monday
OM301 T3	Project/Program Management	Wednesday
PF301 T1	Professional Studies: Theory and Practice	Monday
SO369 T3	Alcoholism	Wednesday

BEDFORD - DIGITAL TRAINING FACILITY

Registration August 20, 4:30-7 p.m.
 Book Sale August 27, 4:30-7 p.m.
 September 3, 4:30-6:30 p.m.
 September 9, 4:30-6:30 p.m.

Fall Semester Course Listing - Bedford

CS108 U3	Introduction to Computing and Pascal	Wednesday
CS218 U2	Pascal for Programmers	Tuesday
CS301 U1	Information Structures	Monday
CS560 U4	Organization of Programming Language	Thursday
CS564 U4	Introduction to Artificial Intelligence	Thursday
CS575 U1	Introduction to Operating Systems	Monday
CS635 U2	Advanced Data Communications and Distributed Processing	Tuesday
CS768 U3	Design and Construction of Compilers	Wednesday
FI201 U2	Personal Financial Management	Tuesday

Operating Training Program to be offered in October

The seventh offering of the Operator Training Program (OTP) begins on October 20. Deadline for applications is September 8.

The OTP is designed to train full-time Digital personnel who are eligible for transfer to become computer operators. The 17-week program consists of one week of orientation, four weeks of classroom training and lab, followed by 12 weeks of on-the-job training.

The first four weeks of on-the-job training are typically spent at a Data Center other than the trainee's permanent job assignment. The next eight weeks are spent working in the sponsoring manager's Data Center. Formal training includes Hardware, Software and Communication Concepts, Data Center Procedures and Standards, and an emphasis on verbal communication skills.

The hands-on laboratory experience is focused on the VAX.

Upon satisfactory completion of the program, the trainee will be promoted to an Operator II (D61) and will work in the sponsoring Data Center on a full-time basis.

Participation in the program requires a minimum of a one-year commitment to work for the sponsor after program completion (total of one year and 17 weeks). Additionally, the trainee must make commitments to work other than first shift, as most Data Centers operate on a 24-hour basis seven days a week, and to not take any time off during the training.

For further information about this program, contact Art Raiche at DTN 273-3108 or Zora Fitch at DTN 273-3427. ■

WPI offers graduate courses

Worcester Polytechnic Institute (WPI) will offer graduate courses in computer science and electrical engineering at Marlboro High School beginning September 3. The following courses are available:

Computer Science

CS 502	Operating Systems (Thurs., 5:30)
CS 507	Data Structures (Wed., 5:30)
CS 508	Programming Practicum (Tue., 5:30)
CS 525A	Topics: AI — Approaches to Design (Wed., 5:30)
CS 541	Software Engineering (Mon., 5:30)
CS 542	Data Base Design (Thurs., 5:30)

Electrical Engineering

EE 500	State-Space Analysis of Linear Systems (Tues., 5:30)
EE 501	Signal Analysis (Thurs., 5:30)
EE 572N	Advanced System Architecture (Mon., 5:30)

Registration for the fall semester will be conducted in the Hudson cafeteria (77 Reed Road) August 20 from 1 p.m. to 3 p.m. Additional registration will be held on the WPI campus August 25 (for formally admitted students only) and August 26 and 27 (for non-admitted students) from 6 p.m. to 8 p.m. Tuition is \$270 per credit hour, and all courses are three credits. Tuition may be charged to MasterCard or VISA.

For catalogs or for more information, contact the Office of Continuing Education at WPI at (617) 793-5301. ■

DEPP offering personal computer hardware, software

The Digital Employee Purchase Program (DEPP) continues to serve employees who are interested in purchasing personal computer hardware and software at substantially discounted prices.

Products offered through the program include refurbished Rainbow 100A's and 100B's. Also available from DEPP are DECmate II's, PRO 380's and MicroPDP-11/23's, as well as supporting hardware, software, accessories and supplies.

Many of these products are available for immediate shipment or can be picked up at the DEPP warehouse (NQQ) located on Cotton Road, Nashua, N.H.

For additional information regarding product availability, part numbers or pricing, call the Employee Purchase Center at (1-800) 235-0505. DEPP representatives are available from 8:30 a.m. to 5 p.m. Eastern time, Monday through Friday. ■

Employees participate in MS bike tour



Nine Digital employees recently rode the distance for multiple sclerosis in the MS/Bud Light 150 Bike Tour — The Great Mass Getaway. Representing sites in Stow and Marlboro, the Digital team raised more than \$4,000 in sponsored pledges for MS research and local support care programs. From left, the riders are Karen and David McLure of Northboro; Brian Zanghi, Worcester; Alan Lavalley, Leominster; Joan Ewers, Brookline; Marion Blackshear, Marlboro; Bob Lambert, Stow; Marc Phillips and John Peter Smith, both of Acton.

Shrewsbury Model Shop featured in 'American Machinist'

A recent issue of "American Machinist and Automated Manufacturing" magazine included a feature article on the Shrewsbury Engineering Model Shop. Titled "QA Plugs into CAD/CAM," the article reviewed the model shop's integration of an advanced coordinate measuring machine with its Uni-graphics II CAD/CAM system for computer numerical control (CNC) applications. Using this system enables automated inspection of Storage Systems' highly complex mech-

anisms to be programmed directly from a CAD data base in half the time of conventional methods.

According to Jon Anderson, shop manager and a pioneer in the use of CNC technology for prototype development, "We have turned conventional thinking around, and our engineers now acknowledge that CNC is an effective tool for prototype manufacture." ■

Digital receives award from U.S. Labor Dept.

Digital has received a 1985 Exemplary Voluntary Effort (EVE) Award from the Office of Federal Contracts Compliance of the U.S. Department of Labor. The award recognizes Digital's partnership program with the Oxford, Mass., public schools in establishing a dropout prevention program of technology training.

The company was also honored for:

- its results-oriented affirmative action programs which have increased opportunities for women and minorities;
- funding 17 nationwide scholarships for women engineering and business students;
- building its Springfield plant in the inner city;
- making equipment grants of more than

\$100,000 to the National Urban League; and

- donating more than \$250,000 in equipment to the University of Lowell's Minority Mentoring Program.

The award was initiated in 1983 by OFCCP to recognize companies who have made equal employment opportunity efforts above and beyond that required by law to employ women, minorities, the handicapped and disabled veterans.

Digital was one of 11 honorees selected for the award from a group of thousands of eligible companies.

Harvey Weiss, vice president, U.S. Sales Operations and Government Marketing, accepted the award from Labor Secretary William E. Brock. ■

Introducing VAX 8550, VAX 8700 . . .

(continued from page 1)

compact high performance leader, and with the VAX 8700, a growth path for customers who may eventually want to upgrade to a VAX 8800.

"In terms of price/performance, the VAX 8550 is very attractive. This is aggressively priced, compact high performance computing, designed to compete effectively in the market, and yet offering all the advantages of VAX/VMS software compatibility and Digital's extensive networking capabilities, and backed by our worldwide service organizations," concludes Wally.

Along with the new VAX systems, Digital announced new configurations of the VAX 8200 and 8300 computers which are now based solely on the VAXBI architecture. These new systems, which previously operated with a UNIBUS adaptor, now provide higher performance and increased reliability, and occupy less floor space. These improved versions utilize the VAXBI tape and communications controllers announced with the VAX 8500 in April.

Digital also announced the availability of new memory boards that expand the internal memory capacity of these and other VAXBI systems. These new systems, and the recently announced VAX 8500 and 8800 use the same memory devices as before, but more densely packaged, using surface mount technology.

With the new boards, the VAX 8200 and VAX 8300 can have up to 24 Megabytes of internal memory. The VAX 8500 and VAX 8550 can have up to 80 Megabytes. And the VAX 8700 and VAX 8800 can have up to 128 Megabytes. ■

Digital donates to American Association of University Women

Digital has awarded the Educational Foundation of the American Association of University Women (AAUW) a grant of \$205,000 toward the purchase of a VAX-11/780 computer system.

AAUW, the nation's oldest and largest education organization concerned with women's issues, will utilize its new VAX system in three phases. First it will computerize membership and accounting records, with database interaction. In the next phase, program data from AAUW branches across the country will be entered to facilitate information sharing on specific topics and program areas. Finally, individual members will be linked through the association's Educational Center, and will be able to talk with one another via the computer network. The organization will then have a unique database on women active in educational equity and other advocacy programs in 1,950 communities across the country. ■