

digital

MAYNARD

DIGITAL THIS WEEK



Volume 12, Number 12

July 8, 1985

Mike Riggle named Senior Corporate consultant at Digital



Mike Riggle

Mike Riggle has been named Senior Corporate consultant, reporting to Grant Saviers,

vice president, Storage Systems.

Says Grant, "Mike has been the technical cornerstone of Digital's successful effort to become a world leader in disk technology. In naming him Senior Corporate consultant, he is being recognized for his outstanding technical, architectural and strategic contributions to the company."

A Digital employee since 1976, Mike's most recent position has been Group Engineering manager. He has been responsible for Storage Advanced Development and Architecture, where he has concentrated on magnetic memories and storage subsystems, including data base systems. He will continue these responsibilities in his new position.

Mike and his team have been responsible for much of the development of the advanced technology and architecture base for Digital's magnetic disk, tape, floppy

products and DSA subsystem products. They also did advanced product development for the RA80 series of disk drives, RC25 disk drive, UDA50 disk controller, HSC50 disk/tape cluster controller, and RRD50 optical disk drive.

According to Mike, "Technology has been and is being provided for future storage products, which includes thin film heads and media and more extensive custom VLSI (Very Large Scale Integration) than in past products."

Before joining Digital, Mike worked as director of Engineering for Storage Technology Corporation and as general manager of Hardware Engineering for Control Data Corporation. He holds a BSEE from the University of Minnesota.

In addition to Mike, Dave Cutler and Bill Strecker are the only other Senior Corporate consultants at Digital. ■

Digital to participate in National Urban League Convention for eighth year

1985 marks Digital's eighth year of participation in the National Urban League's annual Convention, which will be held from July 21-24 in Washington, D.C. The national convention serves as a forum to bring representatives from major corporations and other organizations together to address contemporary socio-economic issues facing our country.

The National Urban League, founded in 1910, is an inter-racial, non-profit community service organization with semi-autonomous U.S. affiliates. It is dedicated to the social and economic change needed to secure equal opportunities for minorities and the poor.

Digital sponsors a job opportunities showcase and company exhibit/information booth at the convention site.

The job opportunities showcase is coordinated by Zella Edwards, Information Resource manager for Corporate Distribution. At the showcase, an on-site computer system, which includes a VAX-11/785 along with a specially designed software package, is used to enable conferees seeking job opportunities to be matched with job openings

continued on page 8



Members of the National Urban League Task Force include: (back row, l-r) Ralph Gillespie, Betsy Fitter, Doris Mitchell, Janice Reynolds, Ray Locke, (front row, l-r) Bobbie Planer, Henry Burnett, and Zella Edwards. Other Task Force members not pictured are: Dorothy Terrell, Dave Thorpe, Barbara Walker, Chuck McVea, and Walt Chaffin.

Microcomponents Groups holds Technology Day in Hudson

Hudson's Microcomponents Group recently sponsored its second annual Technology Day for all Area Management Center (AMC) personnel. The purpose of the meeting was to inform AMC representatives about the rapidly changing technologies that are impacting the business and to discuss the Microcomponents' business and product strategies.

Last July, Micros held its first Technology Day, and based on that success, it is now an annual event. This year, over 110 people from the U.S. area and General International area came to the Hudson HLO2 cafeteria for the half-day session. Many AMC functions were represented: operations, programs, technical support, planning, customer visits and major projects.

After a morning of presentations from members of the Micros group, the audience split into AMC discussion groups and had a chance to hear about the results of the Design Win Program and Micros' geography plans for their areas. Dick Heaton, Microcomponents Group manager, hosted an executive luncheon during which AMC top managers had an opportunity to talk informally with Jeff Kalb, vice president, Low-End



(1) Heather Barlow, marketing specialist and Technology Day manager, shows the Microcomponents portable product display to employees attending the Technology Day held recently in Hudson.

Systems & Technology, and Jack MacKeen, group vice president, Business Computer

Group (BCG) and Original Equipment Manufacturers (OEM) Group. ■

CAEM announces BASEVIEW: Important step in Computer Integrated Manufacturing

CAEM (Computer Aided Engineering and Manufacturing) recently announced the U.S. availability of BASEVIEW V1.0, an unique software integration tool that allows users to view engineering drawings on low-cost graphics terminals rather than on expensive CAD/CAM (Computer Aided Design and Computer Aided Manufacturing) workstations.

With BASEVIEW, key capabilities of expensive mechanical CAD systems can now be extended throughout an organization at a fraction of their cost, allowing the CAD workstations to be dedicated to design work. In addition, BASEVIEW bridges the gap between different departments by allowing them to share data. BASEVIEW allows engineering drawing information to be distributed to a wide range of individuals within an

organization — from engineering managers to manufacturing shop floor personnel.

As a replacement for the hard copy distribution of engineering drawings, BASEVIEW can reduce delays, shorten engineering review and approval cycles, and reduce data inconsistencies and duplication costs. The result is shortened time to market, reduced product development and manufacturing costs, and increased productivity for those departments which must use and quickly access CAD drawings.

BASEVIEW V1.0 is a software application tool that allows drawings to be transferred from expensive mechanical CAD systems to low-cost graphic terminals. The software is layered on the VAX/VMS AND MicroVMS operating systems.

BASEVIEW V1.0 reads and translates IGES (Initial Graphics Exchange Specification) formatted files, displays the IGES file engineering drawing information on a variety of low-cost graphics terminals for review purposes, provides ReGIS output capability, and adheres to NBS (National Bureau of Standards) and IGES V2.0 proposed standards for those entities (line, point, etc.) that it supports.

The IGES translator enables the software to read an IGES file and translate it into an internal BASEVIEW data base. Engineering drawings are then ready for display and review by the user. BASEVIEW code has been optimized for high speed IGES translation. Since IGES is accepted in the U.S. as the defacto standard for mechanical CAD applications, BASEVIEW can accept files from

most of the major CAD systems on the market.

The graphics display system provides complete display manipulation functions, including pan, zoom, rotate, and auto-scale. Three dimensional and perspective display are supported. This system allows easy manipulation of CAD drawings at low cost terminals and enables users to view different parts of a drawing from various angles and at different magnifications.

The search and query function allows users to check and confirm dimensions and automatically determine the lengths of lines which contain missing dimensions. Users can accurately determine fit, tolerance and the location of parts associated with a drawing.

Users can read an IGES file into the BASEVIEW data base for display and review. Optionally, the drawing displayed on the screen can be written to a ReGIS file. Since the file reading function uses VMS system services, it is fast and efficient. IGES file checking performed by the BASEVIEW software is also fast.

Used in conjunction with DECpage and WPS-PLUS software and LNO1S laser printers, BASEVIEW's ReGIS output allows users to produce printed compound documents. ReGIS Output also allows users to incorporate drawings into ALL-IN-1 mail messages. In addition, users can produce ReGIS files for use by VAX Videotex.

BASEVIEW's color operations provide for visual differentiation among various components of a drawing. ■

DIGITAL THIS WEEK



Editor: Jane Littlejohn

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

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

Mike Marshall named Northeast Regional Sales manager

Since joining Digital in 1967 as sales representative in Princeton, New Jersey, Mike has served in various positions including Philadelphia District Sales manager, Marketing manager of Industrial Products, New England District Sales manager and his most recent position as Northeast Area States (NEAS) Operations manager.

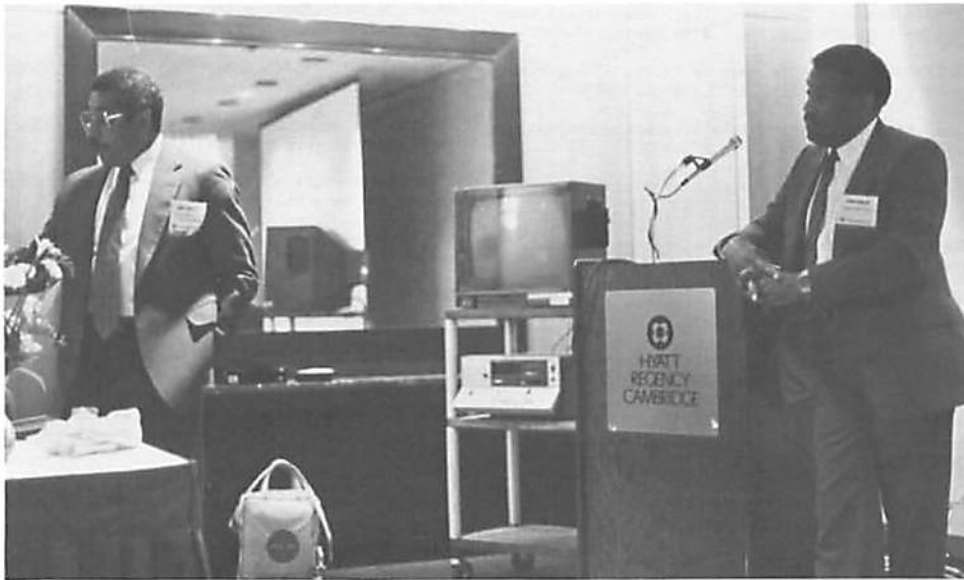


Mike Marshall

As NEAS Operations manager, Mike has been responsible for revenue, product merchandising, large sales project, and technical sales support. Until a replacement is found, he will continue to manage the NEAS Operations Group. In addition to these responsibilities, Mike has been a key contributor to the design and implementation of the three United States Management Centers.

Prior to joining Digital, he worked for Frankford Arsenal Computer Systems. Mike holds a BS in electrical engineering from Drexel University in Pennsylvania. ■

Digital sponsors recruiting drive for National Minority Supplier Council



(l-r) Ben Jones, national director of the Minority Supplier Development Council, and Ron Payne, Digital's Corporate Purchasing manager, answer questions at a Digital-sponsored recruiting drive for the council. The council's primary objective is to develop and bring minority businesses into the mainstream of American commerce and industry.

Digital, Cognos set joint marketing agreement

Digital and Cognos have announced the signing of a cooperative marketing agreement for Cognos's POWERHOUSE™ software tailored for VAX systems. POWERHOUSE, the leading fourth generation language software package on minicomputers, is used for developing business applications.

"With this agreement, Digital is increasing its commitment to offer solutions to meet the customer's commercial application needs. This includes cost effective, industry leading commercial application development tools coupled with the most advanced distributed processing capabilities," says Per Hjerpe, marketing manager, Large Systems Marketing Group.

"POWERHOUSE runs on a broad range of VAX systems from the low end to VAX 8600 clusters. With POWERHOUSE, VAX users can develop distributed business systems that use the strength of the VMS environment and Digital's communications capabilities.

And, because it works with the VAX RMS file system, POWERHOUSE can be a data manager, report writer and forms creator for commercial, scientific and engineering applications development.

"With POWERHOUSE, customers can develop applications for any business activity, such as payroll, accounting and sales, as well as inventory and manufacturing. The software is driven by a powerful data dictionary and includes data entry and validation, report writing and transaction processing modules," says Per.

"With this agreement," he added "Digital and Cognos will jointly market and promote products that work together to solve specific business needs. The agreement currently applies to U.S. and Canadian marketing efforts."

POWERHOUSE is a registered trademark of Cognos. ■

LEST organizational changes announced

To streamline Digital's efforts in the systems and workstations area, Jeff Kalb, vice president, Low-End Systems & Technology, has made the following organizational changes:

- The PRO 300 Workstation efforts will report under Dom LaCava, manager, Micro Systems Development. This includes all aspects of the PRO business.
- Other activities which support VAX Worksystems® will now report to Steve Teicher, Group Engineering manager, Worksystems Program Office.
- An Applications Planning Group has been established and will be managed by Ron Ham, manager, Applications and Base Product Marketing for workstations.

®The "Worksystems" concept has evolved from a new concentration on selling collections of systems linked by networks which offer complete solutions for customers. ■

'Interleaf Workstation Publishing Software' available through DCS

Digital has announced availability of Interleaf, Inc.'s composite document processing software for the VAXstation I and the newly announced VAXstation II workstation. The Interleaf Workstation Publishing Software™ is available from Digital for the first time, running under the MicroVMS operating system.

The new Interleaf application software, which is available through the Digital Classified Software (DCS) program, enables users to prepare and edit documents containing both multiple proportionally spaced typefaces and a wide range of graphics, including data-driven business charts. Through an easy-to-use mouse/menu-driven interface, users can access all editing and formatting resources necessary to produce typeset quality originals for document publication. Line drawings, labeled diagrams, and business charts can be created and integrated, in addition to text, using the Interleaf Workstation Publishing Software package.

Targeted primarily for large corporations with in-house publishing requirements, the new software package is an ideal tool for professionals and their supporting staffs. Typical applications include generating and updating engineering, management, and financial reports, promotional and presentation materials, marketing documents, and the development of customized proposals.

Interleaf Workstation Publishing Software also runs associated window management software and the application software provides support for high-resolution laser printers supplied and supported by Interleaf.

The software package is priced at \$3,000. It is scheduled for availability this summer.

Interleaf Workstation Publishing Software is a trademark of Interleaf, Inc. ■



APPLIANCES

STOVE, electric, self-cleaning, gold, \$100, Carol, 234-4953

OVEN-BROILER, convection, Toastmaster, portable, new, used once, pd \$150, asking \$75, B/O, Marilee, 223-3627

REFRIG, GE, 4yr old, \$175; DRYER, elec, 6yr old, \$75; WASHER, Sears, 9yr old, new pump, \$50, Allen, 237-3255

DRYER, elec, Maytag, good for parts, \$25; STOVE, Philco elec, good for parts, \$25, Lisa, 275-6116

AIR CONDITIONER, Emerson, 5000 BTU, 120V, almost new, \$250, B/O, Bob, 279-5357

CARS

'78 FORD BRONCO 4x4, gd cond, new brakes/exh/gas tank/etc, cap comes off, \$5000 firm, Dennis, 292-2095

'75 VW BUG, AT, int/ext, vj gd cond, 1-fam. car, gd running cond, 4 new rads, \$1200, Janet, 262-8393

'81 BUICK SKYLARK, 4dr, V6, auto, AC, AM/FM, rw/dfg, PW, PS, 68Kmi, \$3695, Kevin, 237-3259

'84 CHEVY BLAZER, 4x4, PS, PB, Silverado pkg, 2 sets whls+ tires, hitch, Fishr plow, \$14,800, Bill, 231-2116

'73 BUICK LESABRE, 2dr, dk blue, 65K orig mi, very good cond, \$1100, David, 278-4405

'83 SAAB 900, 2dr lftbk, white w/blue int, 5spd, AC, FM/cass, 44Kmi, exc cond, \$8700, Pat, 223-8531

'76 OLDS CUTLASS, new rads, AM/FM/cass, water pump, body+eng gd cond, vj rel, \$1550, B/O, Dave, 223-8573

'84 DODGE RAMPAGE (car/pickup), AM/FM/cass, 13Kmi, \$6500, B/O, John, 251-1638

'77 PORSCHE 930 Turbo, alloy wheels, sunroof, good cond, \$25,500, B/O, Pamela, 223-9335

'74 VOLVO 145 wgn, 4cyl, auto, AC, AM/FM, some rust, 100Kmi, Bob, 251-1945

'83 NISSAN PULSAR, 3dr htchbk, 5spd, 51Kmi, AM/FM, rustproof, \$4950, Steven, 223-1395

'78 VW SCIROCCO, standard, 69Kmi, sunroof, cassette, runs excellently, \$2250, Julie, 234-4290

'79 PINTO wagon, blue, \$1500, B/O, Dave, 251-1283

'73 CHEVY MALIBU, 2dr, auto, AC, AM/FM/cass, nds some body wrk, engine wrk, runs well, \$400, Keith, 223-5809

'73 MUSTANG convertible, 2dr, new roof+exhaust system, runs good, \$3500, B/O, Lauren, 288-6209

'80 FORD FAIRMONT, 2dr, tan, 22Kmi, AC, PS, PB, AM/FM, Florida car, \$3250, B/O, Lee, 223-7579

'72 DODGE CHALLENGER, PS, PB, AC, AM/FM/cass, new int, new paint, exc cond, B/O, Ron, 223-2975

'82 OLDS OMEGA, 2dr, silver/blue int, 4spd, 26Kmi, F/W drive, PB, PS, radio, \$4000, Donald, 231-6642

'81 TOYOTA Tercel, silver, 5spd, 43Kmi, AM/FM, exc cond, rw/dfg, \$3500, Bob, 274-6455

'79 MUSTANG, 4cyl, 4spd, AC, PS, PB, AM/FM stereo cass, \$2200, B/O, Bill, 231-5627

'80 HONDA ACCORD H/B, 5spd, stereo, rf rack, 86Kmi, gd cond, \$2200, B/O, Barry, 231-4755

FURNITURE

TABLE, pine, 54" oval w/formica top, leaf incl & 4 chairs, exc cond, \$300, Sandy, 223-8870

HUTCH, antique pine appr. American, open top w/3 shelves, lwr inset panel door, \$600, Betsy, 231-7817

WATERBED, king size, pedestal, liner, headboard, Andy, 229-6679

WATERBED, queen sz, pine, stained glass bkcase/headbrd, mattress, liner, heater, Anne, 231-2566

MISCELLANEOUS

BABY ITEMS, carriage/stroller \$75; wind-up infant swing \$10; Century 200 car seat \$35, Judy, 223-7316

GAS HEATER, 35,000 BTU, 1yr, exc cond, \$125, B/O; full BD/BOX+mat, drsr+mr, \$50; SOFA, \$25, Alison, 237-2268

WOOD STOVE, Jotul #602, airtight, \$300+12'dble Amerivent Chimney, cap, brackets, \$300, Judith, 223-1278

CALCULATOR, HP11C, \$60; CAR STEREO, Blaupunkt, 4 chnl, x5W FM/cass, \$125, CAR COVER/Saab, \$40, Phil, 227-4187

RING, Engagement, 1/3-ct, 14-ct gold 6 prong setting, size 4, (appr. value \$800), \$350, Jeff, 223-9032

TABLE, Coffee 5'x2-1/2x1-1/2, \$25; console STEREO, \$60; Wayside Raq+Swim Mbrship, \$200, Terry, 235-3342

ROBIN VT180 w/dual disk, LA50, Select, Multiplan, Basic, etc, (games), \$1300, George, 237-3179

TIRES(4) Goodrich Trailmkr II, all weath, steel bltd rads, sz P235-75R15LT, 15Kmi, \$160, David, 234-4302

TIRES(4) SR7014 Dunlop rads on Celica ST mag rims, (incl free spare tire), \$120, Hugh, 223-5410

TIRES, Michelin ZX rads, 175x14, tubeless blackwall, brand new!, \$100, B/O, Loren, 225-4902

STOVE, wood/coal, 5yrs old, good condition, owner allergic, \$200, B/O, Fran, 231-7180

PLAYPEN, Pride-Trimble with mattress + pads, exc cond, \$50, Tom, 223-2648

RIDING LAWNMOWER, MPD, Briggs+Stratton eng, 11 hp, 5spd, 36" cut, used twice, bag att, \$999, Gary, 351-5437

FOUND, DEC anniv award Leominster area, owner must know approx loc award was lost in, Dan, 223-6045

PIANO, Baldwin spinet, exc cond, B/O, Evelyn, 247-3203

MOTORCYCLES

'82 YAMAHA Maxim XJ-750 (new in 6/84), luggage and extras, 6500mi, \$2500, Debbie, 276-9980

'81 SUZUKI GS250T, 4200mi, in Westboro, MA, \$750, Box, 234-4258

PETS

KEESHOND PUPPIES, purebred, friendly + loving, AKC reg, \$300, Nancy, 262-8222

MARE, 7yr old standard bred, chestnut, good manners, \$500, Stan, 223-5729

CANARIES, home-bred, \$45 pair, Barb, 223-1889

DOBERMAN PUPS, AKC, blacks+reds, exc disposition, ready to go, \$150, Bonnie, 223-4193

REAL ESTATE

CAPE COD, homes(3), ocean view, Rte6A, stately Salt-box, Cont. Cape, Repr. Cape, Vlc for details, 229-6024

WESTWOOD, 7rm custom Cape, 3bdrm, LR w/frplc, DR, FM, encl porch, gar, yard, exc loc, \$170K, John, 262-8302

RECREATIONAL VEHICLES

'83, 16' Blue Fin "Pro-Fish" bass boat, '83 35hp Evinrude w/SST prop, Shoreline trlr, \$4000, Ed, 231-6340

CAMPER, Pop-up, heat, ref, stove, awning, slps(6), \$1700, Rudy, 289-1837

'72 CAMPER, Starcraft, slps6, dbl stove, ref, heater, water, awning, dbl gas tanks, hdp, \$750, Jim, 225-6109

'78 TRAWLER YACHT, Marine Trader 40', dble cab, Dsl, all glass, low hrs, best in NE, \$89.5K, Mil, 264-7769

KAYAK, Whitewater, exc cond w/paddle, spray skirt, lifevest, helmet, flot bags, \$450, David, 249-4590

RENTALS

CONDO, White Mts, 2bdrm, 2b, slps6, tennis, swim, cable TV, jacuzzi, \$300/wk, \$140/wkend, Leslie, 251-1228

CONDO, Mashpee, priv unit, kit, lr, 2bdr, 2b, slps6, tennis, pool, jacuzzi, July6-13, \$700, Ted, 223-5387

CONDO, Chelmsford, new Adams Cond, 2bdrm, avail 7/1, no pets, \$795/mo, Kim, 225-6885

HOUSE, L. Winnesaukee, furn, 4bdrm, slps8, nr priv beach, rowboat incl, \$400/wk, Mary Lou, 231-5618

ROOMS(2), Marlboro, furn, bdrm, lr, kit, priv, prking, gd nbrhd, pref n-smoker M/F, \$50/wk, Marie, 223-3829

HOUSE, Dennis, Chapin Beach, 2bdrm, walk/pond, nr beaches, shops, ava 5/1-10/1, \$425/wk, Art, 221-5607

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

VACATION HOUSE, Eastham, Cape Cod, 3brm, walk/Cape Cod Bay, furnished, \$450/wk, Ed, 278-4045

CHALET, Linderhof, No. Conway, Wh Mtns, luxury 3bdrm, full equip, avail season/month/week, Mike, 225-5126

CHALET, 17mi W. Loon Mtn, 3bdrm, view, walk/fishing, swimming, avail. wk/wknds, Leo, 261-2922

CONDO, Marlboro, 2brm, liv. rm, kit, nr DEC+ent, avail immed, \$600/mo + util, Joe, 249-4380

APT, Fitchburg, 2bdr, first flr, comp. remod, new bath, kit, appl, DW, prking, \$425/mo+util, Larry, 278-4480

CAPE, M. Vineyard, 3bdrm, lg deck, scr porch, waterbed, ava. June, Jul, Aug, min 5 days, \$90/day, Dan, 225-4279

TOWNHOUSE, Hudson, 3flrs, 2br, gar, deck, AC, DW, great view, ava 7/1, \$650/mo, Diane, 223-5653

HOUSE, S. Yarmouth, slps6, porch, B-bq, walk/beaches, nr shops, no pets, ava June, \$300/wk, Roger, 274-6630

TOWNHOUSE, Falmouth/Mashpee, 2br, 2b, slps6, pools, tennis, nr beach, Sep 7-14, \$600/wk, Nancy, 231-6583

APT, Marlboro, 6rms, lg bkdy, ref, stove, D/W, W/D hkup, basement, gd loc, avail early July, Patti, 223-5406

HOUSE, Dennisport, 3bdrm, screened porch, walk/beach, \$500/week, Ed, 257-1227

APT, Worcester, 1st flr, 1bdrm, new remod, gas heat/hot wtr, \$400/mo+util, Missy, 231-7338

HOUSE, Hyannis, 2bdrm, 2b, bike to stores+beach, 450/wk, \$800/2wks, \$1500/mo, July-Aug, Judi, 276-4307

ROOMMATES

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

F, share 3bdrm house Nashua, \$300/mo incl all util, Tina, 249-1704

M/F, nonsmoker, 20's, share lg house Fitchburg, must like animals, \$300/mo+1/2 util, Molly, 229-6608

M/F, prof, nonsmoker, share 3brm, 2-1/2b, Nagog Woods, Acton Condo, \$400/mo+1/2util, Charlotte, 223-3557

M/F, 28+, share Shrewsbury house, 10min/495, Rte 9, \$325/mo+heat, Barbara, 292-2160

WANTED

Nonsmoking adult, to age 45, share room, DEC white wtr rafting trip, Maine, Aug 16-18, deadline 7/5. RSVP quickly, Linda, 223-3025

HOUSE to buy or rent on lake/small pond Arlington, Lincoln, Watertown, Woburn, Dave, 568-5770

SIAMESE CAT or kitten, pref. chocolate point, does not hv to be registered or perfect, Linda, 231-4309

HOUSE, 2/3 bdrm Worcester/surrounding areas, gd cond, \$62-68K, Joseph, 241-3412

news briefs

On the move

The U.S. Area Field Service Organization recently moved from the Stow and Parker Street facilities to the new Digital facility located at 150 Flanders Road, Westboro. The location code is WFR.
To reach a DTN extension from another Digital facility, dial 8-268 plus the extension. The listed directory number is 870-3111. ■

Deadlines for 'Digital This Week'

Deadlines for Digital This Week have been established to help you plan events and publicity around certain editions of the paper. Deadlines don't pertain to Marketplace, which is first-come, first-served. The next four issues and deadlines for DTW:
July 22 issue — July 3 deadline
August 5 issue — July 24 deadline
August 19 issue — August 7 deadline
September 3 issue — August 21 deadline ■

Alzheimer's support group at Marlboro Hospital

Family members of patients with Alzheimer's disease are invited to join an Alzheimer's support group at Marlboro Hospital. The group helps family members cope with the impact of this disease by discussing experiences. Meetings are held on the second Tuesday of each month from 7 to 8:30 p.m. at Marlboro Hospital. For more information, call Terry at DTN 231-6545. ■

DECmate family handbook available

DECmate family handbooks are now available for distribution through Printing and Circulation Services in Northboro. The latest edition describes the DECmate family's capabilities as office workstations and word processors, as well as provides information regarding customer installation, service and support. When ordering use part number: EB-26272-60. ■

Home meal delivery program needs volunteers

For many years, Digital employees have donated their lunch hours to participate in the Home Delivered Meals Program for the homebound elderly in Maynard. The program, operated by Minuteman Home Care Corporation, urgently needs additional volunteers to help out with this project. Meals are picked up at the Senior Center at Concord Street Circle and then delivered to about 10 homes, all done within an hour. Interested employees should contact the Home Delivered Meals Volunteer Coordinator at Minuteman Home Care Corporation at (617) 263-8720 ext. 252. ■

Volunteers needed for hotline multi-service center

Volunteers are needed for CODE, a hotline multi-service center, in the Greater Maynard area which offers callers a myriad of resources including help with drug and alcohol abuse and family domestic violence.

In addition, this non profit community agency offers a program called the Parent Aide Program which provides individual support for parents in times of stress.

Digital has a strong working relationship with CODE and provides funding to the volunteer agency on a regular basis. The Employee Assistance Program uses and refers employees to CODE based on particular needs.

For more information about CODE or the Parent Aide Program, call (617) 263-8777. ■

Westminster facility contributes towards baseball tour

When a group of high school baseball players from Fitchburg participate in the International Friendship Baseball Tour of Europe this month, they will be wearing batting practice shirts with the Digital logo.

The Community Relations organization at Digital's Westminster facility recently contributed \$425 worth of equipment to the cause.

The students from St. Bernard's High School were invited by the Dutch Federation of Baseball to participate in the friendship-baseball tour of Holland, Germany, Czechoslovakia, Austria and Italy. Throughout the trip, the team will play in local baseball competitions. ■

Seminar on Applications Specific Integrated Circuits in Marlboro

The Applications Specific Integrated Circuits (ASIC) Center in Marlboro invites the Digital community to attend an Advanced Technology Seminar on ASIC given by LSI Logic Corporation on July 29 from 1 to 5 p.m. at the LM02 Cafeteria Conference Room, 111 Locke Drive, Marlboro.

Presentations will be given by Robert Walker, vice president of Engineering; Abbas Gamal, director of Advanced Development; and Keith Lobo, director of Advanced Product Marketing.

Products to be discussed will include LL7000 Series Gate Arrays: 1.6 Micron Drawn geometry, Structured Arrays: predifused masterslice with variations of memories, megacells and gate array, Structured Cells: full custom diffusion set with combinations of RAM, STD Cell, PLA, ROM, Megacells and Gate Array, Standard Cells: two micron double level metal, fixed height variable width cells, Sea of Gates: 1.6 micron, DLM, implementation of macrofunctions with 54K available gates and 22K usable.

To register, send an ENET message to PIPA::SARTORI with the following information: name, ENET node, DTN, mailstop, job function/project. ■

Computer Graphics Video Festival at Computer Museum

The Computer Museum will present a Computer Graphics Video Festival on Saturday, July 6 from noon to 6 p.m. as part of the Harborfest celebration along Boston's waterfront.

The six-hour festival will feature an international selection of state-of-the-art computer graphics from the museum's collection, including selections from Lucasfilms Ltd. and Walt Disney Productions. All computer graphics will be shown on a large screen video projection system in The Computer Museum auditorium.

Admission to the festival and entire museum is \$4; \$2 for students and senior citizens. Located at 300 Congress Street on Museum Wharf, the museum is open from 11 a.m. to 6 p.m. on Wednesday, Saturday and Sunday, and from 11 a.m. to 9 p.m. on Thursday and Friday. Admission is free on Friday. For more information, call the museum's talking computer at (617) 423-6758. ■

educational opportunities

Software Services training course catalog now available

The May 1985 Corporate Software Services Training Catalog is currently available from Billerica Order Processing. This catalog contains information pertinent to Software Training, Enrollment Procedures, Locations, Schedules and the following curricula:

- PDP-11 Technical and Commercial
- VAX/VMS Technical and Commercial
- Large Computer Group
- Data Communications
- Office Products
- Workstations
- BASEWAY
- U.S. Business Training

• Other Courses

Ordering Instructions

Send orders via interoffice mail to BKO Order Processing or through DECmail to MAILPO @BKO. Memos and DECmail should include the following information: person ordering and group's name, date, DTN, part number EY-00001-SC-0006, description - May 1985 Software Services Training Catalog, quantity, full shipping address and ship to cost center, mail stop, ship to attention, cost center to be charged, means of shipping and date needed. ■

Technical Seminars

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

Unless otherwise indicated seminar locations are as follows:

HLO Hall of White Mists
MRO Dec 10/20
TWO A-9 Con. Room
ZKO Babbage Aud.
MLO Mill Caf. Con. Room
SHR Room will be announced

HLO 225-5057 HUDSON::WATSON
MRO 231-5097 HYPER::CSMALL
SHR 237-3258 APOLLO::HEDIN
TWO 247-2499 BERGIL::LIBRARY
ZKO 381-1057 ZEKE::CONDON
MLO 223-6262 MILRAT::PRUITT

July 1 2:00-3:30 MR01-2

Judson Leonard - DEC Westcoast
Titan Project

July 8 3:00 HLO

Kendall Preston, CMU
"Medical Image Processing"

July 10 10:00 HLO

William B. Ackerman, MIT
"How to Design Simulatable CMOS I.C.'s"

July 10 2:00 HLO

Carlo Sequin, U.C., Berkeley
"Toward a Silicon Compiler for CMOS Standard Cells"

July 11 8:30 - 12:00 MLO/Registration Required

Ed Perkins, Wayne Stephenson, John Eggert/Low End ECAD in MLO
"Advanced VALID Design Techniques"

July 11 2:00 HLO

Emil Girczyc/John Knight, Carleton University
"An ADA Based Silicon Compiler"

July 15 10:00 HLO

Jin Kim, CMU
"Use of Domain Knowledge in Integrated Circuit Design"

July 16 2:00-3:30 SHR Amphitheater

Earl Van Horn, Center for Systems Development Process, Digital
"Access and Version Control in the

Databus Architecture"

July 17 10:00 HLO

Michael J. Newman, Digital
"Is WSI Too Big? Selecting an Appropriate Component Size for Redundant Logic"

July 17 3:00-4:30 TWO

John Adams/TWO Strategic Planning & Marketing for Distributed Systems
Digital in the Networks and Communications Business

July 18 2:00-4:00 MLO

John Bernard, Art Len, Bob Johnson, Fred Bodington in MLO "Product Development Cycle: The LN03"

July 18 10:00 HLO

Alex Calvaresi, Digital
"Fabrication of CZ-Grown Silicon Wafers"

July 18 3:00 HLO

George Champine, Digital-MCC
"AI Research at MCC"

July 19 10:00 HLO

Elaine Rich/James Miller, MCC
"Knowledge-Based Human Interface Research at MCC"

July 19 2:00 HLO

Robert Kowalski, Imperial College
"Logic Programming for Knowledge Representation"

July 26 2:00-4:00 ZKO

Stanley Rabinowitz/DEC
Grapher-Program to Draw Directed Graphs ■

Structure and interpretation of computer programs course offered

Intelligent Systems Technology Training will be offering the MIT "Structure and Interpretation of Computer Programs" course on July 15-26 at the Virginia Road facility. To register, contact Madeline Keeley at DTN 273-3353. ■

July offerings from Seminar Programs

VMS, Version 4, Update Seminar

VMS, Version 4, is the fourth major release of the VMS operating system with over 92 enhancements in the features area and implementing the second phase of the VAX-cluster program. In this seminar current users of VMS Version 3 will be introduced to new VAX/VMS facilities in the areas of:

- Hardware support
- Clusters
- Data privacy and security
- Performance

The three-day seminar is designed to train VMS Version 3.0 users, operators, managers, and programmers to corresponding levels of expertise on Version 4.

Course Number: EY-2311E-SO

Location: The Lowell Hilton, Lowell, MA

Date: July 24-26, 1985

Customers & Employees

Registration: DTN 249-4949

How to be a VAX Information Architect

This new seminar focuses on practical techniques for management of applications using VAX Information Architecture products. This seminar reviews the functional characteristics of the major members of the VAX Information Architecture product family. By treating details as specific as the format and selection of data types with the same keen emphasis as general databases and applications design concepts, this three-day seminar prepares the attendee for dealing effectively with both the forest and the trees of the VAX Information Architecture.

Prerequisites: Attendees at this seminar should have some general programming and application design experience using VAX/VMS.

Course number: EY-4829E-SO

Location: The Lowell Hilton, Lowell, MA

Date: July 29-31, 1985

Customers & Employees

Registration: DTN 249-4949 ■

Hudson LSI Engineering Training

Computer Architecture I Computer Architecture II

Instructor: Yale Patt

August 12-23, 1985

Mt. Washington Auditorium HL02-1/M10
University of California

The course is composed of two parts. The first week focuses on fundamental undergraduate material and the second week goes into greater detail. The second week is for those who have either attended the first week of the course or who have worked with computer architecture in the past. For further information contact Katie O'Loughlin, DTN: 225-5221 or via ENET on HUDSON::OLOUGHLIN ■

Software Services Training Educational Services

Graphic Products Seminar (EY-1240E-LO)

August 5-9
Parker Street
Maynard (PKO)

This five-day seminar offers the student an introduction to computer graphic terminology, graphic technology, various graphic terminals and display systems, graphic applications, special graphic interfaces and Digital's graphic hardware and software offerings. The seminar focuses on Digital's graphic hardware and software including:

Hardware

Graphic Terminals: VT125, VT240, VT241, VK100
Graphic Workstations: VS11, VS21, VS-I, VS100, VS500
Micro Computer Graphics: Pro350, Rainbow, DECmate II

Software

Graphic Utilities: Polygrafix, DECgraph, DECslide
Graphic Libraries: CGL, RGL, DECOR, GKS, VSTALIB
Graphic Protocols: NAPLPS, GIDIS, ReGIS, TEK 4014

The Graphic Products Lecture/Lab Seminar is an informational course with an emphasis placed on general knowledge of the graphic market place and Digital's solutions to market needs.

Prerequisites: None

Graphic Application Programming Seminar (EY-2498E-LO)

August 12-16
Parker Street
Maynard (PKO)

This five-day seminar introduces the student to graphic programming techniques. The

main focus of the Graphic Application Seminar is to teach the student various application programs. Topics covered in the Graphic Application Seminar include: generating business plots, color definitions and animation techniques. The seminar takes an in-depth look at various types of business plots including: simple data plots, bar charts, pie charts and 3 dimensional bar charts. The seminar also investigates color coordination and dithering techniques. Animation study reviews writing modes and alternate character sets. Graphic hardware available for lab time includes: VS100, VS-I, VS500, VS21.

Prerequisites: Graphic Products Seminar or previous experience programming graphic systems. VAX high level programming language. VAX/VMS operating system knowledge from a user viewpoint. Strong background of mathematics is recommended.

To Enroll

Software employees should contact their Regional Software Services Training Registrar:

Region	Registrar	Phone
NER	Ann Chow	277-7166
NY/NJ	Debbie Kostaras	321-5200
MAR	Marla Fierstein	339-4351
SOR	Daryl Hood	351-2477
COR	Lyn Ebner	423-6290
WRO	Sally Daniels	521-4442
SWR	Sandy Jennings	714-261-4510
CSC/CS	Fran Lowenberg	523-4482
CSC/AT	Debra Rackley	435-2268
U.S. Area		
Hdqtrs	Sharon Shay	249-4671
GIA	Karen Buretta	288-6790
Kanata	Susan Maddick	621-2391

U.S. Headquarters, Europe, and non-Software Services personnel should contact the Bedford Registrar, Sharon Shay at DTN: 249-4671. ■

High Performance Systems and Clusters

Education & Training course schedule

July 15-19 8:30-4:30 MR01-2 DEC 10/20 C.R.

Computer Architecture I

Yale N. Patt, UC, Berkeley

July 22-26 8:30-4:30 MR01-2 DEC 10/20 C.R.

Computer Architecture II

Yale N. Patt, UC, Berkeley

July 22-26 8:30-4:30 MR02-LA

VAX/VMS Utilities & Commands

Colorado Springs C.R. Instructor: TBA

August 6-9 8:30-4:30 MR01-2 DEC 10/20 C.R.

Designing Effective Man/Machine Interface

Tyler Blake

August 7-9* 8:30-4:30 MR03-2 Mapleleaf C.R.

Managing Performance

August 12-23 8:30-4:30 MR01-2 DEC 10/20 C.R.

A Structured Approach to Digital System Design

Bill Fletcher

August 13-14* 8:30-4:30 MR03-2 Acorn C.R.

Financial Awareness

Instructor: TBA

August 14 and 21* 8:30-4:30 MR03 - Pine Grove C.R. (14) Acorn C.R. (21)

Today's Professional Secretary

Pat Hurton

August 19-21 8:30-4:30 DEC 10/20 C.R.

Introduction to Deming

Instructor: TBA

August 22* 8:30-4:30 MR03-2 Pine Grove C.R.

*Co-sponsored with MRO Cluster Mgt. & Employee Development ■



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

Call the following DTN numbers to join these routes.

VANPOOLS

ACTON (ACO)/MAYNARD

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

ACTON (AKO)/MAYNARD

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

ACTON (AKO)/MAYNARD/STOW

From Milford, Holliston, Hopedale area, Mike Smith DCV #102, 288-6181, or Bob Figuerido, 223-3678

ANDOVER/TEWKSBURY/S.LAWRENCE

From Framingham, Marlboro, Hudson, Bolton and surrounding areas via Route 495, Brian Gordon DCV #87, 289-1075

ANDOVER/TEWKSBURY

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

MARLBORO

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

From Arlington (St. Camillus Church), to MRO/UPO/HYO, Paul DeFazio DCV #105, 259-3921

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

From Fitchburg, Leominster, Steve Leger DCV #08, 279-5054

MAYNARD

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

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

MAYNARD/CONCORD

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

MAYNARD/STOW

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

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

From Sterling area, Clinton, Kathy Nickerson DCV #86, 223-2025

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

Johns Hopkins University and Digital launch \$15-million computer network

The Johns Hopkins University and Digital have announced a \$15-million agreement to create a campus-wide computer network. The Multiple Hierarchical Network (MHN) will build within and across all participating University divisions an environment that will enhance productivity in research, instruction, and administration.

The announcement was made by Steven Muller, president of Johns Hopkins, and Digital's Joel Schwartz, vice-president of Educational Marketing.

According to Steven, "We welcome this agreement between Johns Hopkins and Digital, both leaders in their respective fields. Hopkins is a decentralized institution, both structurally and geographically, and networking technology is therefore especially important here. Through Digital we are acquiring the tools to explore the enormous potential of this technology across the spec-

trum of University activities and business."

Through Digital's Campus-wide Investment Program, Johns Hopkins will be able to acquire \$15-million worth of computing and networking resources from the entire Digital product line. The agreement will enable Johns Hopkins and Digital to explore new applications for computers in an integrated networked environment. In exchange, the University will act as a demonstration site for Digital products.

Hardware and software to be supported throughout the Homewood campus and the Medical Institutions will include Digital's MicroVAX workstations, VAX 8600 computer systems, DECmate and PRO350 workstations, All-in-One office automation systems and IVIS interactive video information systems.

"Although the Campus-wide Investment Program focuses on a small number of

highly select universities, it is one of the largest partnership programs between Digital and institutions of higher education," said Joel. "Our agreement with the Johns Hopkins University is only the fifth of its kind that we have announced this year," he continued. "The agreement reflects our mutual commitment to create an environment where students from many disciplines may access the latest computer technology, while faculty can simultaneously engage in academic research and administrators can use the most advanced office automation systems available today."

The project will build on Johns Hopkins' nearly two decades of computer network experience, which includes the recent installation of several local area networks.

The implementation of five interconnected, local area networks is projected for the Homewood campus, home of the School of Arts and Sciences, the G.W.C. Whiting School of Engineering, the School of Continuing Studies, central University administration, and the Space Telescope Science Institute. The design objective of the Homewood networking strategy is to provide a total of 1500 network access points (workstations). Approximately 650 are currently in use. ■



(l-r) Joe Nelson, Security supervisor, and Jim Gallagher, Security officer, were available to answer employees' questions at the Security Expo held recently at the Mill.

Clark University offers MBA in Boxboro

Clark University's Graduate School of Management offers its MBA program in Boxboro at the Sheraton Inn and Conference Center (Exit 28 off Route 495) and in Worcester on Clark's campus. Classes meet Monday through Thursday one day per week. Boxboro classes begin at 6 p.m. and the Worcester classes begin at 4 and 7 p.m.

Clark University's off-site MBA program was established eight years ago. Sixty-five Digital employees are current students in the program and 12 Digital employees received their MBAs through it this year.

The following courses will be offered this fall in Boxboro: Managerial Accounting, Organization Behavior, Personnel Management, Marketing Management, Investments, Operations Management, and Corporate So-

cial Responsibility.

Fall semester classes begin on Tuesday, September 3. Those currently enrolled in the MBA program should expect to receive registration materials in July. Registration may be done through the mail or in person at the Graduate School of Management. Also, representatives of the Graduate School of Management will be at the Parker Street Cafeteria on Wednesday, August 2, from 3 to 5:30 p.m. to accept registrations and advise prospective students. Applications will be accepted until August 15.

For additional information, contact Louise Janhunen at (617)793-7658 or write the Graduate School of Management, Clark University, 950 Main St., Worcester, MA 01610 ■

Urban League . . .

continued from page 1

on file as submitted by exhibiting Fortune 500 companies. The Washington, D.C. district office will provide onsite system support and data entry resources for the job opportunity showcase.

Bobbie Planner, Field Service Headquarters A.A./E.E.O. Project manager, is responsible for the design and coordination of the Digital information exhibit. Company representatives will be available to provide information and answer questions about Digital's business, products and career opportunities.

A special feature of this year's exhibit will be a Black History cultural quiz which will be run on IVIS (Interactive Video Information System), a hardware/software system which integrates moving or still television pictures with computer-generated text and graphics.

The National Urban League Task Force, chaired by Doris Mitchell, Corporate A.A./E.E.O./Valuing Differences Program manager, is responsible for coordinating activities for the convention. The Task Force has received a great deal of support in the form of resources, equipment and sponsorship from all of the major functional organizations within Digital. ■