

digital

MAYNARD

DIGITAL THIS WEEK



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December 3, 1984

Jim Osterhoff named vice president and chief financial officer

Jim Osterhoff has been appointed as vice president and chief financial officer, reporting to Ken Olsen, president. He will assume responsibility for the financial and legal functions of the corporation, succeeding Al Bertocchi.

Since 1979, Jim has served as controller of Ford Motor Company's Tractor Operations, managing their financial and MIS functions. His responsibilities included business planning, financial analysis, accounting and internal control, systems development, and operations in North America, Europe, and Brazil. Jim previously held a succession of financial management positions at Ford, including vice president of Finance and chief financial officer, Ford Motor Credit Company; and controller, Car Operations, North American Automotive Operations.

Commenting on the appointment, Ken said, "We are pleased to have an individual of Jim's stature and experience join Digital. As chief financial officer, he will be building upon the strengths of our finance function to meet the demands and com-



Jim Osterhoff

plexities of controlling Digital's expected growth in the coming years."

Jim received a B.S. in Mechanical Engineering from Purdue University, and an MBA from the Graduate School of Business, Stanford University.

Corporate Payroll to introduce new employee paycheck

Beginning with the payroll of January 3, 1985, all Digital domestic employees, with the exception of Phoenix Plant employees, will receive a new paycheck or advice of deposit form. The new form will provide all original print replacing the often difficult to read existing carbon print form.

In addition, the new form will include more employee information than currently provided. New features include sick hours taken and personal holiday status, as well as necessary information to accommodate the company's new SAVE program.

Introduction of the new form is part of a new company payroll system that will be installed during 1985.

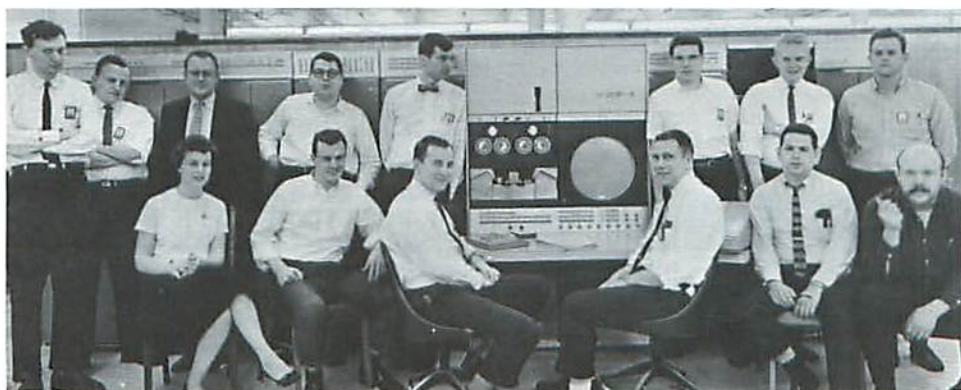
A brochure, "Employee New Check and Advice of Deposit" will be distributed with the January 3 payroll. These brochures will provide employees with all the instructions and information needed to open and understand the new forms. Employees are asked to please read the brochures prior to opening the form.

Digital celebrates 20th anniversary of 36-bit computing

The elements of modern computing originated in the very first computers designed and hand-manufactured by Digital in the Maynard Mill. This year marks the 20th anniversary of the 36-bit product line being celebrated by our customers, Large Systems Marketing, Engineering, Manufacturing and Customer Services.

"I am pleased to be a part of this day in history and congratulate employees and customers on our 20th Anniversary," said Rose Ann Giordano, vice president, Large Systems Marketing. "Over the years, a very special relationship has evolved between Digital and its DECsystem-10/20 customers and creators. The systems have made their own history in the top corporations and institutions in the world."

The 36-bit PDP-6, Digital's first large computer, was released in 1964. It was the first commercially available computer with manufacturer-provided software for general-purpose timesharing applications. Initially the PDP-6 was designed to extend Digital's line of 18-bit computers (PDP-1)



The PDP-6 development team in 1964. Left to right, standing: Peter Samson, programmer; Leo Gussell, Diagnostics programmer; Gordon Bell, system architect; Alan Kotok, assistant architect & logic designer; Russ Doane, circuit engineer; Bill Kellicker, technician; Bob Reed, technician; George Vogelsang, draftsman. Seated: Lydia McKalip, secretary; Bill Colburn, technician; Ken Senior, Field Service technician; Ken Fitzgerald, mechanical engineer; Norman Hurst, technical writer; Harris Hyman, programmer.

by providing more performance at an increased price.

The PDP-6 was not designed to be a member in a family of compatible computers. But its popularity and acceptance of the new computing concept of timesharing

grew the lone system into five basic designs: PDP-6, KA10, KI10, KS10 and KL10—better known as the DECsystem-10 and DECsystem-20.

Twenty-three PDP-6 systems were in-

Continued on page 5

Employee Purchase Program Open House well attended

Approximately 3300 employees and their relatives attended the second open house held by the Employee Purchase Program at the Sheraton Buxborough Conference Center on November 19 and 20.

Representatives from the Professional, Rainbow and DECmate personal computer groups, Learning Centers and the Employee Purchase Program Demo Center were available to demonstrate and explain details about the products.

Different personal computer environments were depicted in four finished model exhibit areas including: the small business office, children's corner, den/study and a future room where new products were demonstrated.

Attendees had the opportunity to use the products and find out which personal computer would best suit their individual needs.

In addition, peripheral work areas were provided so employees could find out specifics about software packages, input devices, and computer accessories and supplies.

For further information about the Employee Purchase Program, call the Employee Purchase Center at 800-235-0505.



Mark Waitkevich, 8, playing a game on the Rainbow personal computer during the Employee Purchase Program Open House. He is the son of Tony Waitkevich, senior software Engineer for traditional products in Nashua, N.H.

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.

Digital expands Ethernet baseband into broadband environment

Digital has become the first computer manufacturer to extend the Ethernet approach to Local Area Networks (LANs) from the baseband to the broadband environment. The company has announced a new Broadband Ethernet Transceiver, or DECOM, fully compatible with its Ethernet hardware and software products, and an associated Broadband Ethernet Frequency Translator, or DEFTR, that provide connection to broadband cabling. The network provides access to nodes up to 3,800 meters apart.

The new transceiver and translator are the industry's first broadband products that are truly compatible with Ethernet. They are designed to connect to Digital's Ethernet controllers for VAX, PDP-11, and Professional 300 computer systems. Additionally, they can be connected to Digital's router, gateway, and Terminal Server products, and the DELNI clustering device.

The new products are targeted to customers who are already committed to broadband cabling for distribution of multiple information services including video, data, and voice. They run under Digital's Phase IV DECnet networking software, and are functionally equivalent to Digital's baseband Ethernet products.

DECOM provides full Ethernet functions on broadband, including a data rate of 10

Mbits/second. It will support up to 1,024 nodes, and is available for both dual- and single-cable broadband installations. When used in conjunction with the DELNI clustering device, DECOM provides connection to as many as eight DECnet/Ethernet devices.

DEFTR is used in conjunction with DECOM in single-cable installations. It enables a DECOM to transmit at one set of frequencies and receive on another. In dual-cable installations, a DEFTR is unnecessary since the DECOM can transmit and receive at the same frequency using separate connection points for each cable.

DECOM is priced at \$4,250, and DEFTR at \$4,500. Both will be available in spring, 1985.

Digital's broadband products attach to conventional cable television (CATV) cabling and components. They employ the Ethernet Carrier Sense Multiple Access with Collision Detect (CSMA/CD) protocol, including guaranteed collision detection, and require an 18 MHz bandwidth. Via DECnet routers, Digital's broadband and baseband LANs can be interconnected. Via Digital's X.25 and SNA gateways, both broadband and baseband DECnet/Ethernet LANs can be connected to other network environments.

Plan for a healthy and happy holiday

As the holidays approach, the Greater Maynard Employee Assistance Program would like to offer some suggestions to help employees enjoy the season more fully.

According to Ray Levesque, EAP counselor, experiences and emotions of recent years can help in planning for this season. "If you are prone to holiday blues, schedule time with friends. If you've experienced loss through death, divorce or separation, plan activities that are a healthy distraction from what is often the pain of abandonment, rejection or loneliness."

Ray, who runs seminars on holiday depression, points out that what we drink and eat and how much can also affect our moods. "Alcohol, refined sugar and flour are known depressants. Knowing your limit can help prevent ups and downs in moods," Ray advises.

Highway safety is another area to keep in mind during the holidays. Ray, who also specializes in alcohol counseling, believes highway safety is everyone's responsibility. "It is the responsibility of hosts and hostesses as well as bartenders. Negotiations with an intoxicated guest about to drive are fruitless. Alcohol impairs judgment and coordination while heightening the driver's grandiosity and power. Negotiations about car keys with a drunk person is interpreted as a challenge that he or she can drive safely," Ray explains.

He suggests when going to a party, anticipate how you will get home before you leave. Consider the alternative if you or your driver is apt to indulge. A good rule of thumb is to be aware that your body can only process 12 ounces of beer, one ounce of whiskey or three ounces of wine per hour.

"Hospitality that pours with a heavy hand — the image of a generous host," Ray says, "conflicts with the responsibility of friends not letting friends drive drunk."

Ray suggests serving non-alcoholic drinks as an alternative. Since food slows down the rate of alcohol absorption in the blood, snacks should be available. "Last call for alcohol an hour before guests leave your house will give their bodies a chance to catch up. Coffee will prevent guests from being sleepy when driving, but it will only make someone drunk wide awake. Only time with no alcohol will bring sobriety," he says.

The Greater Maynard Area EAP has a menu of creative non-alcoholic drink recipes and a list of holiday meetings for those with alcohol problems. An example of an alternative holiday beverage:

Nab Cherry Jubilee: Fill tall glass with ice. Add four ounces of orange juice, four ounces of ginger ale or Fresca, and one ounce of maraschino cherry juice. Stir. Garnish with three or four cherries.

For more information, call the main EAP office at 223-4439.

Software engineer discovers comet for first time in Mass. in 122 years



Michael Rudenko

After four years of hunting for comets, Michael Rudenko, software engineer in Marlboro, found a faint, tailless comet on November 14. This was the first visual discovery of a comet in Massachusetts in 122 years.

The Levy-Rudenko comet, discovered by both Michael and David Levy of Tucson, Arizona and named after them, has been verified by the International Astronomical Union, a world clearinghouse for comet sightings based in Cambridge. The comet is the 20th sighted this year and the first visual sighting in the United States in seven years.

Michael says he has been interested in astronomy for 10 years. Before joining Digital a year ago, he worked as a computer specialist at the Smithsonian Astro-

physical Observatory in Cambridge where he did computer analysis of a data satellite at the Einstein Observatory.

"I have always been fascinated by the night sky. I found that amateur astronomers could do serious work, namely comet hunting. I developed my passion for comet hunting while working at the observatory. Many amateurs spend a lifetime looking and never find anything, I was very lucky," he says.

He notes that public interest in astronomy is on the increase since Halley's Comet is expected to return at the end of 1985.

Explaining that there are approximately 100 comet hunters in the world, the competition is quite fierce. When a comet hunter finds a comet, he or she sends a letter to the observatory. "When the sighting is confirmed and the order of precedence of discovery determined, the Central Bureau for Astronomical Telegrams sends out a telegram to the people in-

involved."

Michael hunts for comets on clear nights by using a moderate telescope with a six-inch refractor. The Levy-Rudenko comet is currently 100 million miles from the earth and will be 50 million miles away during February of next year.

Looking for comets is not all fun, he says "I spend many nights in the winter enduring high winds and bitter cold and in the summer I deal with mosquitos, skunks and dogs."

Continuing his ongoing hunt for comets, Michael's goals are to find one comet every five years and to hook-up a telescope to a computer so he will not have to leave his living room but view the night sky on his terminal screen.

Rainbow prices reduced

Effective immediately, Digital has reduced the price of its Rainbow 100 and Rainbow 100+ personal computers, related memory options and operating system software.

The system unit price of the floppy-based Rainbow 100 with 128Kb of main memory is reduced from \$2750 to \$2415 while the Rainbow 100+ with integral 10Mb hard disk is reduced from \$5075 to \$4315.

The price for the 128Kb memory option is reduced from \$449 to \$300 and the 256Kb option from \$895 to \$695. The Rainbow 100 and Rainbow 100+ computers are expandable to 896Kb of memory.

Prices for the CP/M-86/80* or MS-DOS operation systems have been reduced from \$275 to \$95 each. These can also be purchased together for \$175, down from \$250.

Keyboard and monitor prices remain unchanged at \$245 and \$325, respectively.

A typically configured Rainbow 100 system including 256Kb of memory, keyboard, monitor and choice of operating systems is now \$3380 compared to \$4044, while a comparably equipped Rainbow 100+ is now priced at \$5280 compared to \$6369.

"These price adjustments and our ongoing product development" according to Barry James Folsom, Rainbow Group Product manager, "reflect our continued commitment to remain competitive in the market for high performance personal computers that offer a high level of connectivity and integration."

Ward MacKenzie, vice president of the Business Computer Group added that "personal computing is an integral part of our long term strategy to serve the widest range of computing needs from desk top to data center."

CP/M-86/80 is a trademark of Digital Research, Inc. MS-DOS is a trademark of Microsoft Corp.

Frank Posey named manager of the Government Systems Group

Frank Posey has been named manager of the Government Systems Group, reporting to Harvey L. Weiss, vice president, Mid-Atlantic and Southern States Area Management Center.



Frank Posey

A Digital employee for 10 years, Frank has been the Washington, D.C., District manager for the past three years. He is an FY84 Baton and DECathlon winning Dis-

trict Sales manager. Frank has also worked in the Philadelphia Sales District as a group manager and prior to that he held various sales and unit positions in the Washington District. He was the first Word Processing Unit Sales manager when Digital entered the word processing market with the WS100.

Prior to joining Digital, Frank worked for International Business Machines as a systems engineer for three years and as a salesman for three years. He earned his bachelor's degree in electrical engineering from the University of Virginia.

Dick Corley appointed Product Group manager for Medical Systems Group

Dick Corley has been appointed Product Group manager, Medical Systems Group (MSG), reporting to Ed Kramer, vice president, Technical Group.



Dick Corley

A Digital employee since 1980, Dick has

most recently been Marketing manager for MSG. He has worked as a Principal Marketing specialist and was named Product Line Marketing manager in 1983.

Prior to joining Digital, he spent 12 years with the Baird Corporation in sales and service management for their Nuclear Medicine Instrumentation products. Dick earned both BS and MBA degrees from Northeastern University.

MCC Powers is Authorized Digital Computer Distributor

MCC Powers, a building controls systems supplier, has been approved as an Authorized Digital Computer Distributor. The company has been affiliated with Digital for over five years as a commercial original equipment manufacturer (COEM).

Founded in 1892, MCC Powers provides building developers, owners, and tenants with state of the art building systems that

integrate both telecommunications and building services. The building services include automatic temperature control, energy management, fire and security monitoring and control. The telecommunications offerings include turnkey solutions which provide for full-feature telephones, discounted long distance calls, office automation and data communications.



CARS

'74 PLYMOUTH DUSTER, '70 slant 6, 70Kmi, auto, green/white pinstripe, 2 xtra snows, \$1000, Cindy, 251-1351

'75 TOYOTA COROLLA, 4dr sedan, auto, AC, AM/FM, 80Kmi, 4 gd radials, reliable, \$950, Dick, 231-5483

'78 CHEVY VAN, auto, rebilt eng, new exh, tires, batt, black, AM/FM, \$3200, B/O, Mark, 251-1016

'70 VW BUG, exc eng+parts, seeks new body, \$400, Chris, 223-5618

'78 PEUGEOT DIESEL SEDAN, 4spd, sunrf, PS, PW, recent paint job, exc cond, B/O, Joel, 223-5136

'72 BUICK SPORTWAGON, mid-sz, auto, AC, PS, PB, 59Kmi, new batt, rf rack, vy dependable, \$1195, Art, 221-5607

'81 TOYOTA 4WD-SR5 PICKUP, black w/chrome, lo mileage, \$6500, Linc, 223-2435

'72 FORD PICKUP, 350 V8, gd running cond, AC, new tires+batt, lo mileage, \$1000, B/O, Ev, 278-4321

'81 DATSUN 210 STA WGN, 60Kmi, blue, sunrf, exc mech+body cond, AM/FM, \$4200, Mark, 223-3396

'76 PONTIAC CATALINA, 4dr, AC, PS, PW, PB, exc cond, \$2000, Winni, 223-4352

'83 TOYOTA COROLLA STA WGN, 5spd, 4dr, AM/FM, exc cond, Rusty Jones, exc cond, \$5800, Nancy, 234-4807

'79 CHEVETTE, 4dr, red, new paint job, radio+tires, 56Kmi, \$2494, Stephanie, 281-5612

'79 DATSUN 280ZX, 5spd, AC, AM/FM, exc cond, \$6200, B/O, Patti, 221-5710

'76 TR7, brown/white pinstripes, \$2000, B/O, Lisa, 223-9884

'74 TOYOTA PICKUP, regular gas, runs gd, body fair, \$600, Mike, 247-2330

'72 OLDS CUSTOM CRUISER, AC, AM/FM, PB, PS, one owner, well maint, mech exc, \$700, Reg, 232-2208

'83 SUBARU BRAT DL, 34Kmi, 4WD, AM/FM mono radio, beige, \$5200, Steve, 276-9193

'77 HONDA CIVIC, 4spd std, AM/FM, new muff, vy gd cond, \$1500, Mary, (617)897-9578

'73 MUSTANG CONVERTIBLE CLASSIC, 2dr, new roof+exh, runs gd, no rust, \$4000, B/O, Lauren, 288-6209

'78 VW RABBIT, 4dr, auto, sunrf, 12Kmi on new eng, vy little rust, runs great, \$1900, Paul, 225-4939

'81 MERCEDES 240-D, std, AC, 51Kmi, like new, B/O, Donald, 231-6522

'83 CHEVY CAVALIER CL, 2dr, PW, PL, PS, PB, AC, FWD, CC, auto, cloth int, clean in+out, \$6300, Jeff, 289-1217

'79 HONDA CVCC 1200, 4spd, 73Kmi, AM/FM, rustprf, new brks+muff, snows inc, exc cond, \$1800, Nahid, 223-2531

'78 PONTIAC SUNBIRD, 4cyl, 75.6Kmi, exc cond, \$2200, Betty, 223-9910

'78 DATSUN F10, hthcbck, 5spd, AM/FM, FWD, rear defog, new brks+clutch, \$2000, Linda, 276-9320

'76 PLYMOUTH FURY, 6cyl, 100K+mi, must see it to believe it, \$850, Gene, 223-2478

'77 OLDS CUTLASS SUPREME, 60Kmi, AC, snows, gd cond, rear defog, \$3000, B/O, Annmarie, 223-9316

'70 FORD MUSTANG, Boss, \$4200, Rosemary, 234-4267

'84 AUDI 4000S, 4dr, 4cyl, 5spd, AC, AM/FM, sunrf, cloth int, white, PW, loaded, \$10,900, Herve, 234-4230

'80 SAAB 900 GLE, 4spd, 5dr, 40Kmi, 28mpg, well maint, exc cond, gd in snow, \$7000, Carol, 278-4462

'68 VOLVO 145S WAGON, red, gd cond, 100Kmi, \$1000, Morrison, 234-4142

'84 SUBARU GL, 5spd, AM/FM, 12Kmi, Rusty Jones, trunk rack, maroon metallic paint, \$8500, Ralph, 234-4744

'81 DATSUN 280ZX, blk/gold trim, leather int, 6cyl, auto, 22Kmi, all options, \$10,900, Nancy, 234-5075

'75 INTERNAT'L SCOUT II 4x4, 304 2BBL, all tires on mags, AM/FM, exc cond, lo mileage, \$1800, Wayne, 231-6311

'79 DODGE OMNI, 4dr, auto, PS, PB, AC, rustprf, rf rack, rear defog, custom int, \$1700, B/O, Evelyn, 231-6618

'83 FUEGO, 2dr, 5spd, AM/FM, 4 spkrs, 30Kmi, 35mpg, exc cond, gold, \$7450, Ken, 231-2484

'83 FORD TRUCK, F150 pickup, 4x4, 4spd, hvy dty susp, AM/FM, 29Kmi, step+bow, cap, \$7500, Steve, 251-1295

'77 FORD F150 SUPERCAB PICKUP, 68Kmi, 350 auto, exc cond, \$2795, B/O, Joe, 292-2294

'84 MERCURY MARQUIS LS, 3mos old, lo mileage, must sell, B/O, Debbie, 225-4501

FURNITURE

DINING RM SET, Thayer-Coggin, contemp, BDRM SET, 7pc, queen, campaign style, Drexel, \$2000ea, Mike, 226-7304

OAK ICE CHEST, 1879, refnshd, antique, \$350, ANTIQUE OAK DRESSER, mirror, refnshd, \$150, Tony, 234-5267

COCKTAIL TABLE, trad solid wd, vy gd cond, \$30, SIDEBOARD, walnut, 42"Wx20"D, \$165, Dottie, 223-3039

SOFA, Ethan Allen tufted, antique gold velveteen, \$800, QUEEN ANNE CHAIRS (2), \$150/ea, Violet, 278-4020

MISCELLANEOUS

TAP SHOES, boys' sz 1, used for one recital, like new, \$15, Paula, 231-7260

SNOW TIRES (2), radial, 175-14, vy gd cond, \$50/pr, B/O, Gail, 223-2206

BATHROOM VANITY, 19", oak, new, \$30, Jane, 283-7460

ROBIN VT180, 4drvs, LA34 prntr, much software, document, disks, \$1600, B/O, Tom, 237-2069

COAL STOVE + COAL, 1.5 tons of coal, antique stove, chrome chimney flue, \$100, Ralph, 234-4744

TRUCK CAP, fits 5x7 bed, white alum ext, insulated panel int, \$200, B/O, John, 234-5467

FIRE ALARMS (5), by Vulcan, wind-up style, exc cond, new \$90, \$50, Rachel, 289-1211

DIAMOND, 1/3ct, marquis, valued at \$800-\$1400, \$750, Jeanne, 257-1126

WOOD STOVE, Shenandoah, air tight box model, takes 24" logs, \$150, Paul, 231-4095

METAL DETECTOR, by White, G.E.B. supreme 4/D, used 3 times, case, exc cond, \$250, B/O, Bob, 231-6485

PRO-350 OPTIONS, extended bitmap, floating point, MSC11 memory, never used, B/O, Mark, 247-2460

CELLO, 3/4 size, case+bow, beautiful tone, gd cond, \$650, Nic, 223-3588

ROBIN VT18X, 4 disk drvs, select, multiplan, CP/M, milestone+doz games, \$1000, B/O, Terri, 223-1228

SNOW TIRES (2), D-78-14, mounted on Dodge whls, one seas use, \$50, Tony, 251-1097

PETS

STANDARD BRED MARE, 15.2+hands, 15yrs, exc western trail horse, inc all tack, \$800, Laura, 223-5831

REAL ESTATE

SMUGGLERS NOTCH, VT, slope side ski condo, comfort 6, two levels, bath on each, \$94K, S. Kim, 225-6885

ASHLAND, NH, ski condo, slps8, frplc, full kit, 2bath, Washington's Birthday week, \$7.9K, Gary, 223-4094

WILMINGTON, VT, land, nr Mt. Snow, wooded 1/2 acre, vacation community, \$4K, Peter, 223-4315

GUILFORD, NH, land, 3/4 acre, in Gunstock acres, perk tested, nr Lake Winnepesaukee, \$10K, Jack, 223-2474

TYNGSBORO, condo, newly blt, lo fees, 2bdrm, storage shed, appliances, balcony, \$64.9K, Sherry, 247-2915

RECREATIONAL VEHICLES

'77 WELLCRAFT NOVA, new EZ Loader trailer, cuddy cabin, 21', 233hp, exc cond, \$7500, firm, Al, 234-5466

'83 HOLIDAY RAMBLER, 24', fully self contained, a classic, slps4 comfort, \$11.5K, Norman, 223-6846

POLARIS SNOWMOBILES (2), exc cond, \$1500pr, Steve, 288-6806

O'DAY 22, 6hp, Evinrude, M/J/G/S, VHF, head, trailer, many extras, \$7800, Gary, 231-4089

RENTALS

CONDO, Merrimack, 2bdrm townhouse, convenient to RT3 + DEC, \$695/mo+utils, Dan, 223-4657

CONDO, Tewksbury, 2bdrm, brand new, 1st fl, liv rm, din rm, eat-in kit, gar, \$625+utils, Russell, 236-2471

APARTMENT, Maynard, spacious liv rm+bdrm, sep kit, bath, own entr, no pets, \$350/mo+utils, Liam, 225-4906

APARTMENT, Merrimack, NH, sunny 2bdrm, no pets, avail immed, dep required, \$600/mo+utils, Karen, 249-1448

CONDO, Nashua, 1bdrm, 1/o pool, tennis, clubhouse, Partridge Berry Hills, \$500/mo, Paula, 276-8033

SKI CHALET, N. Conway, slps8, \$400/wk, Bob, 231-4465

CONDO, Maynard, 2bdrm, modern, dshwshr/disposal, walk to Mill, avail Dec 1, \$600/mo, Marcia, 274-6765

APARTMENT, Acton, 2bdrm, heat+HW inc, pool, tennis, w/w carpet, AC, DW, laundry facil, \$625/mo, Scott, 229-6521

APARTMENT, 4rms, 2bdrm, 18mi fr Maynard, off RT117, hrdwd flrs, utils not inc, \$450/mo, Michael, 223-2684

SKI HOUSE, N. Conway area, 3bdrm, 2bath, contemp, \$400/wk, Van, 223-2856

APARTMENT, Hudson, 1bdrm, AC, cable, wshr/dryr, dish-wshr, nr RT495, 290+62, \$450/mo+utils, Aruna, 223-3661

APARTMENT, Northboro, 750sq ft, 1bdrm, lg liv rm w/frplc, bath, appl kit, utils pd, \$550/mo, Ben, 251-1289

ROOMMATES

M/F, non-smoker, share 3bdrm apt in N. Andover w/1H +1F, access to 495+93, \$220/mo+utils, Peter, 289-1686

M/F, non-smoker, share house in Andover, large, sunny private room+bath, short term only, V.G., 238-3363

F, non-smoker, share 2bdrm apt in Waltham, 1min to RT2+128, avail Jan/Feb '85, \$325/mo, Lin, 273-3353

SPORTING GOODS

BICYCLE, men's 12spd Marukin, never used, lifetime warranty on frame + fork, \$150, Dave, 292-2019

BICYCLE, girls', 24", Schwinn "Caliente" model, gd cond, \$50, Bob, 223-7479

WANTED

CANNING JARS, 1/2 pint, will trade your half-pints for our extra pints/quarts, Marvin, 223-9071

SURFBOARD, used, good or reparable cond, Debbie, 221-5722

BOX STALL, for horse in vicinity of Hudson/Stow area, Marianne, 223-2000

GO-CART, new or used, gd cond, Ken, 223-7574

BABY CRADLE, used, gd cond, need by May, Janice, 231-6460

ROOM, Stowe, VT area for a weekend, reasnble price, Debbie, 236-2190

RENTAL SPACE, garage or barn for car storage, Linda, 231-6005

ADAM (COLECO) OWNERS, looking to form local users group, Glenn, 279-5713



NEWS BRIEFS

Deadlines for 'Digital This Week'

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

Dec. 27 issue — Dec. 5 deadline
Jan. 7 issue — Dec. 26 deadline
Jan. 21 issue — Jan. 9 deadline
Feb. 4 issue — Jan. 23 deadline

Meac sponsoring Toys for Tots

Maynard Employee Activities Committee (meac) is sponsoring the Marine Corps Reserve "Toys for Tots" campaign from December 3-14.

This campaign is a nationwide program that was started in 1947 and is designed to provide Christmas toys for needy children. The toys should be new and unwrapped. Toys will be categorized by age and gender for distribution by local agencies in time for the holidays.

There will be collection bins at the main entrances at the Mill, Parker Street, Powder Mill Road, Concord, Piper Road, Nagog, Stow and other facilities.

For more information, contact Virginia Murphy at DTN 223-2007, mailstop PKO3-2/K86.

Health Services offers choke-saving minicourse

The Parker Street Cluster Health Services will be conducting a minicourse in choke-saving on Tuesday, December 4 at 2 p.m. in the non-smoking section of the PKO3 cafeteria.

All employees are encouraged to learn this lifesaving skill before the holidays.

For more information, contact Health Services at DTN 223-5413.

Flu predicted to be more widespread this year

Influenza or flu is predicted to be more widespread this year. The strains are A/Chile, B/USSR and A/Philippines. As temperatures drop, people stay inside more which increases the risk of being exposed to viruses. In addition, cold weather dries mucous membranes causing them to become more vulnerable to infection.

Flu is a viral infection of the upper respiratory tract which can be distinguished from the common cold by its symptoms. It starts abruptly, frequently with high fever, dry cough, headache, muscle pain and a general unwell feeling.

Most people completely recover after a couple of weeks, but not everyone. Since flu lowers resistance to other diseases, especially certain bacterial infections, and pneumonia, the very old, very young and adults with chronic lung disorders, heart

Digital Computer Club to hold meeting

The Digital Computer Club (DCC) will hold an open meeting on Wednesday, December 12, at 6 p.m., at the Cafeteria Conference Room at the Mill.

At this meeting, the DCC will host a demonstration of Digital personal computers along with the local Learning Center, member Peter Sass will talk on "What software do you want for Christmas?", followed by a question and answer period. All Digital employees and their immediate families are welcome.

For more information, contact Alex Aderer at DTN 223-7360.

Volunteers needed to answer phone pledges

Volunteers from Digital are needed to answer telephone pledges for the second annual Children's Hospital Telethon on December 15 from 8-11 p.m. The telethon will be held at the WBZ Radio Station at 1170 Soldiers Field Road in Boston. Volunteers are asked to arrive at 6:30 p.m. and stay until after the telethon is over.

Anyone interested in participating should call Casey Cuthbert at 617-787-7107 by December 5.

Meac selling tickets to Muppets Show

The Maynard Employees Activities Committee (meac) will be selling tickets for the Muppets Show at the Worcester Centrum. The tickets are for sale in December and the show will take place the week of January 20. Posters and order forms will be posted. There will be a limited amount of tickets sold on a first-come, first-served basis.

36-bit computing...

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stalled into some of the world's most prestigious institutions who remain Digital customers—Brookhaven National Labs, Heidelberg University, Imperial College, Livermore Labs, MIT, Oxford, Stanford and University of Western Australia, to name a few.

The very nature of the company, industry and products in its early years created a unique relationship with our customers. In 1967, when Digital released the PDP-10 with the operating system of TOPS-10 (Total Operating System), they also supplied all the documentation and information needed for the customer to maintain and innovate their own systems. In those days, Digital field service and software services were not the impressive thousands that support our products today. This practice of giving all sources lead to the development of TOPS-20 by Bolt, Beranek and Newman.

"The DECSYSTEMS' influence in the company has always been greater than its percent of revenue would dictate," says Rose Ann. "Many of the senior managers of Digital were originally affiliated with DEC-10/20.

"From an engineering point of view, the technology developed in large systems was later incorporated into other systems. The influence of the 36-bit line was extended throughout the company in a proportion much greater than the size of the business. Some of the finest engineering features of the KL10 are found in our newest product. The ECL technology, which has been in the 10/20 systems, is now used in the VAX 8600. Many of the capabilities that have existed on TOPS are now being incorporated in the newest versions of VMS.

"Large Systems Marketing has enjoyed a unique alliance with Manufacturing and Engineering in Marlboro. This relationship has become a role model for the rest of Digital. Our familiarity in spirit and location has given us the business advantage of a real team and the singular feeling of true comradeship."

Since this is the 20th anniversary of the 36-bit computer line, Digital's Large Systems Marketing group and the DECUS Large Systems SIG (Special Interest Group made up of DEC-10/20 customers) are planning to bring the celebration to the Fall DECUS Symposium in Anaheim, California.

Special sessions have been scheduled to reminisce about the event filled past. Pioneers from Digital and innovators from our customer base will participate in panel discussions, and equipment, old and new, will be on display to demonstrate the evolution of the 36-bit product set at Digital. Customers and employees have been offered the opportunity to exhibit their own collections of 36-bit memorabilia and participate in a swap meet.

Running teams win at New England Corporate Challenge road race



Members of the Digital master's team, left to right: Denny LeBlanc, Bob Hellweg, Bill Schmidt and Peter Cassidy.



Digital's women's team members from left to right: Branda Farmer, Michelle McCann and Diane Muise.

Runners from Digital's women's team and men's master team won first place, and the men's open team won third place at the Fourth Annual New England Corporate Challenge road race held recently at Boston Common.

Digital entered nine teams in the event. Thirty-five runners from 14 Digital sites participated. More than 1600 runners competed from corporations throughout New England.

The women's team finished first in a field of 10 teams with a combined time of 1:44:05, which was 11 minutes ahead of the next team.

The men's master team finished third in a field of 70 teams and missed first place by only 1:14 with a combined time of 1:20:52.

Boston University comes to Bedford training facility

Boston University Metropolitan College will offer undergraduate evening classes at the Digital Training facility in Bedford this winter (as well as Acton/Boxborough Regional and Natick High Schools). The courses scheduled at the Bedford facility include:

Monday	CS 108	Introduction to Computing and PASCAL
	CS 560	Organization of Programming Languages
Tuesday	CS 218	PASCAL for Programmers
	CS 579	Database Management
	MA 124	Calculus 2
Wednesday	CS 662	Introduction to Computer Language Theory
	OM 301	Operations Management
Thursday	CS 753	Programming Project Management

Registration will take place at the Bedford Training Facility on the following dates:

Tuesday, January 15	4:30-6:30 p.m.
Monday, January 21	4:30-6:30 p.m.

For a copy of the Off-Campus Class Schedule and registration information, please call (617) 353-2982, or write Boston University Metropolitan College, Off-Campus Programs, Room 204, 755 Commonwealth Avenue, Boston, MA 02215.

VMS V4 update seminar for employees only

Version 4, the fourth major release of the VMS operating system is here and now is the time to learn all about it. With over 92 enhancements, V4 is the most comprehensive release to date and will update V3 in the areas of: hardware support; clusters; data privacy and security and performance.

The three-day VMS4 update seminar is designed to train version 3.0 users, operators, managers, and programmers to corresponding levels of expertise on version 4.

Digital employees will have the unique opportunity to learn V4 at an employees only seminar to be held: December 17-19, 1984, Holiday Inn, Marlboro, MA. To register please call DTN 249-4949 and ask for course number EY-2311E-SO.

HPS Training and Education courses

"C" Programming, A DEC Seminar Program

December 17-20
(4 days) MRO3, Ampitheater; 9 a.m. - 5 p.m.
Mike Chase, Univ. of Colorado, Instructor

Logic Design

January 7-11
(5 days) DEC 10-20 Conf. Rms. MRO1-2, 9 a.m. - 5 p.m.
Yale Patt, Berkeley, Instructor

DATATRIEVE I (DTRI), An OA Course

January 23
(1 day) MRO2 LA Level Colorado Springs Rm.; 9 a.m. - 5 p.m.

VAX/VMS Version 4 Update, DEC Seminar

January 23-25
(3 days) DEC 10/20 Conf. Rms. MRO1-2; 9 a.m. - 5 p.m.

COMPUTER CORNER

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 ACTON (AKO)/MAYNARD

From Amherst, NH, Doug Ryder DCV #63, 288-7606

TO ACTON (AKO)/MAYNARD

From Salem, NH, Rick Jaeger DCV #138, 223-6120

TO ACTON (AKO)/MAYNARD/STOW

From Townsend, Groton area, Brian Buda DCV #118, 276-9532

TO ANDOVER/TEWKSBURY/SOUTH LAWRENCE

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

TO MARLBORO

From Nashua, NH, Westford, Jim Mahan DCV #67, 231-4446

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

From Memorial Dr., Cambridge, Rob Davis DCV #124, 231-6496

From Watertown, Newton, Ron Lusk DCV #119, 231-7157

TO MAYNARD/STOW

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

From Allston, Brighton, Brookline, Newton, Terri Dedman DCV #105, 223-4286

TO MAYNARD/CONCORD (CFO)

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

TO MAYNARD

From Peabody, Phil Baxter DCV #107, 223-1961

From Nashua, NH, Bob Cormier DCV #123, 275-6232

From Amesbury, Haverhill area to LJO/ACO/MLO/PKO, Pat LoConte DCV #129, 223-3067

Winter quarter NNU courses announced

Network Northeastern University is a program that offers classes in state-of-the-art high technology, graduate-level engineering and undergraduate courses in engineering technology. Classes originate from Northeastern University and are delivered to remote sites via live television and a telephone talkback system. Network Northeastern University (NNU) courses are currently available at the Marlboro, Hudson, Andover, and Tewksbury sites.

Winter courses from NNU include:

Electrical Engineering (Marlboro, Hudson, Andover, and Tewksbury)

- Mathematical Methods in Electrical Engineering
- Linear Systems Analysis
- Applied Probability and Stochastic Processes
- Digital Signal Processing
- Numerical Methods and Computer Applications
- Advanced Electromagnetic Theory
- Digital Communications
- Detection and Estimation Theory
- Characteristics and Models of Solid State Devices
- Digital Computer Architecture

State-of-the-Art (Marlboro, Hudson, Andover, and Tewksbury)

- ADA Programming Language
- Local Area Networks
- LISP Programming
- Advanced C Programming

Industrial Engineering (Hudson and Andover)

- Basic Operations Research
- Computer Methods in Manufacturing
- Simulation Methodology and Applications
- Data Structures and Data Base Management
- MIS: Planning and Managing the Contributions to the Decision Process

Mechanical Engineering (Hudson and Andover)

- Vibration Theory and Applications
- Heat Conduction and Thermal Radiation
- General Thermodynamics
- Numerical Methods in Mechanical Engineering
- Advanced Mechanics of Materials

Lincoln College (Hudson and Andover)

- Introduction to Calculus
- Physics II
- Assembly Language
- Introduction to Mathematics
- Computer Programming for Engineering Technology
- Nonnumerical Algorithms

For further information on course descriptions, schedules, fees, and registration procedures, please contact the appropriate site representative:

Marlboro: Chris Rudomin, 231-6769, CASHEW::CRUDOMIN

Hudson: Cindy Pekkala, 225-4091, HUDSON::PEKKALA

Andover: Patti Scott, 289-1226, ERIE::SCOTT

Tewksbury: Janet Slinn, 247-2643, BERGIL::SLINN

Technical Seminars

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

Unless otherwise indicated seminar locations are as follows:

APO	Gold Room
HLO	Hall of White Mists
MRO	Dec 10/20
TWO	Cafeteria
ZKO	Babbage Aud.
MLO	Mill Caf. Con. Room

Dec. 6 - 10:00 HLO

Tamas Doszkocs / Association for Computing Machinery

"End User Interfaces and Information Retrieval"

Dec. 6 - 3:00-4:30 TWO

John Harper / Manager of European Engineering

Open Systems Interconnection

Dec. 6 - 2:00-3:45 MLO

Ben Schneiderman / U. Maryland

"Human Factors in Designing Interactive Systems"

Videotaped presentation of 5/83 Hudson seminar

Dec. 7 - 10:00 HLO

Rodney Taylor / Interfield Research Associates

"A Flexible High Speed Data Acquisition System for Plasma Measurements"

Dec. 12 - 10:00 HLO

Lennart Johnsson / Yale University

"Highly Concurrent Algorithms on Ensemble Architectures"

Dec. 13 - 10:00 HLO

Mike Doreau / DEC

"An Automatic Router and its Application to VLSI Circuitry"

Dec. 13 - 2:00-3:00 MLO

Earl Van Horn / HW Eng. Process

"Applying Software Engineering Techniques to Hardware Design"

Dec. 13 - 2:00-3:20 MRO

Don Hooper / MRO

Executable Specification Language (ESL)

Dec. 14 - 10:00 HLO

Jacob White / U. C., Berkeley

"Application of Waveform Relaxation Circuit Simulation to Parallel Processors"

DME Workshop

Schedule for Jan. 2-8

Jan. 3-4: Essentials of Negotiation

Jan. 2-4: Managing Critical Interfaces

Jan. 4: Meeting Management

Jan. 3-4: Effective Writing Skills

Jan. 3-4: Building Effective Customer Relations

Jan. 3-4: Project Management

Jan. 3-4: Presentation Skills

Jan. 3: Time Management

Jan. 2-3: Skills Assessment

Jan. 2-4: Communication Skills

Jan. 4: Secretary/Manager Communications

Jan. 7-11: Management Development I

Jan. 7-11: Pre-Management Development

Jan. 9-10: Skills Assessment

Jan. 7-10: Capital Asset Management

Jan. 8-9: Financial Awareness

Jan. 7-9: Problem Analysis/Decision Making

Jan. 10-11: Effective Writing Skills

Jan. 8-9: Building Effective Customer Relations

Jan. 7-9: Counseling Skills

Jan. 8-10: Men & Women at Work

Jan. 7-10: Enterprise Engineering

Jan. 7-8: Presentation Skills

Jan. 8: Time Management

To enroll, call DTN: 249-1881 / 1882 or (617) 276-1881 / 1882.

New Central Engineering Development Programs

Central Engineering Development Programs (CEDP) provides standard supervisory development curriculum, training and development to contributors and managers, fact team training, educational consultation, referral and other educational services.

For more information, contact Diane St. Hilaire at DTN 223-3373.

December

4 & 11	Supervising at DEC
5	Business Communications: Listening Skills (Part III)
6 & 7	How to Build an Effective Work Team
7	Influencing and Managing Change
13	Understanding and Resolving Conflict
17	Making Meetings Work
17 & 18	Project Management
18	Stress Management

January offerings from Education Services

Jan. 7-9

RSTS/E Performance Evaluation & Optim. Bedford Training Center, Bedford, MA
EY-2331E-SO DTN 249-4380

VAX/VMS V4 Update Seminar

Sheraton Lexington, Lexington, MA
EY-2311E-SO DTN 249-4949

