

digital

MAYNARD

DIGITAL THIS WEEK



Volume 9 Number 8

April 26, 1982

Digital reports third quarter results

Digital continues to maintain its leadership position as a supplier of computers in spite of a difficult economic environment around the world. Total operating revenues for the third quarter of FY82 were \$999,260,000, up 18 percent from the \$843,385,000 reported for the same period last year. Net income was \$107,529,000, up from \$100,232,000 for the same period last year. Earnings per share for the quarter were \$1.94 versus \$1.89 last year.

"Although operating revenues are up, Digital continues to feel the pressures of the worldwide business downturn, which have resulted in reduced customer demand from many of the markets we serve,"

says Win Hindle, vice president, Corporate Operations. He notes that the company had anticipated a slowing in business for some time and had, earlier in the year, placed greater emphasis on expense control. These controls have had a favorable impact on earnings to date this fiscal year.

"Our financial results have remained good partly because we have reduced our expense spending and improved our asset management. But because a number of our customers have been delaying purchases, our order rate has slowed. We therefore expect to continue to watch expenses carefully for the next several quarters," explains Win.

"Despite the poor economic environment, these are exciting times at Digital," he adds. "People are working together closely, and productivity gains are helping us to price our new computers more competitively. This should open new applications and new markets for our products. For example, the new smaller VAX-11/730, we just announced, is significantly lower priced than the VAX-11/750. It is expected to be a market leader. If we all continue to focus our best efforts in the same direction, the future should be very bright."

See page 3 for figures

Digital expands VAX family

With the first worldwide introduction held in Europe of a major new product, Digital last week announced the VAX-11/730 at the Hanover Fair in Germany. In the U.S., the product will be shown next month at the DECUS symposium in Atlanta.

The VAX-11/730 represents an entry level addition to the VAX family of 32-bit, virtual memory computers. With a small size, single cabinet, and systems prices beginning under \$50,000, the VAX-11/730 is designed to bring full functionality to new applications, new customers, and new levels of distribution within large and small companies.

Lou Philippon, product manager, said the new VAX-11/730 is a full-fledged VAX family member that brings VMS software operating system resources even closer to the user. "It's a user-friendly system with nearly unlimited program space," said Lucien. "Complete systems can be configured in one 42-inch-high, 22-inch-wide cabinet. The small size permits easy installation in a great variety of office and laboratory environments. The low price will encourage its use in special-purpose, OEM-developed systems, as a standalone departmental system for commercial applications, and for workstation support in technical design."

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Digital's new VAX-11/730 32-bit minicomputer supports interactive graphics workstations using Digital's VS11 terminal for engineering design, as well as educational and commercial applications with up to 24 concurrent users.

Digital expands VAX family

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With VAX/VMS Version 3.0., the third major enhancement of the operating system since its introduction in 1977, customers can use the new system to distribute VAX power even further within their organization. The VAX/VMS creates a common software environment spanning the full range of VAX systems, from the new small VAX-11/730, to the midrange VAX-11/750 up through the high level VAX-11/780 and /782.

The new system delivers 30 percent of the performance of the large VAX-11/780 at 20 percent of its CPU (central processor unit) price, and will support simultaneous operation of up to 24 interactive terminals.

The VAX-11/730 contains high-density (64K-bit) memory chips and features a maximum memory complement of five megabytes. A new, intelligent, direct-memory-access (DMA) communication controller, contained in a single-circuit module, provides both multiline asynchronous and synchronous communication, plus an interface for a line printer or other special purpose device.

A minimum VAX-11/730 system includes the CPU with one megabyte of memory, DMF32 communications controller, two 10-megabyte cartridge-type RL02 disk units, LA120 DECwriter III console terminal, VMS operating system with full support, warranty and installations. The minimum system price is \$48,900.

"We believe the VAX-11/730 is a well-qualified addition to the VAX family and will be welcomed as a powerful new computing resource by both new and current customers," concluded Lou.

Shuttle schedule extended

The current shuttle schedule, dated December 28, 1981 to March 26, 1982, has been extended to April 23, 1982.

DIGITAL THIS WEEK



Editor: Christine Medeiros

Send stories, photos, ideas or suggestions to DTW, PK3-1/K23 or call the editor at DTN 8-223-5042. Ads must be submitted in writing to Marketplace, PK3-1/K23. Please direct all Marketplace inquiries to Jennifer Hawes at DTN 8-223-2261.

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.



NEWS BRIEFS

Deadlines for DTW

"Digital This Week" is altering its production schedule to plan a special bulletin for the May announcement. The next regular issue of DTW will be May 17. The last four issues of this fiscal year and deadlines for submitting stories are:

May 17 issue-May 6 deadline
May 31 issue-May 20 deadline
June 14 issue-June 3 deadline
June 28 issue-June 17 deadline

MR AL-ANON meetings

The Marlboro site AL-ANON meetings held on Thursdays have been cancelled due to poor attendance.

PK plans annual electrical shutdown

The Parker Street cluster will have its annual electrical shutdown on May 15 and 16.

In order to avoid damage to your equipment, In-House Field Service is asking all word processing and terminal equipment be turned off Friday evening, May 14. The annual shutdown allows Plant Engineering to perform electrical maintenance for the proper upkeep and safety of the buildings. Emergency lighting will be in operation on these days.

A call for technical papers

Digital's second Internal Test Symposium, DEC/INTESM II, is already being planned for this fall. The challenge, according to the Steering Committee Chairperson Dick Albright, manager of Advanced Test Technology, is to outshine the success of last year's technical papers. INTESM I was held last October in Nashua, N.H. with 450 attendees.

All Digital is invited to participate in the next symposium with a special emphasis this year on "Advancements in test for Products of the 80s." In a Call for Papers, the Committee is soliciting formal papers for the technical sessions of the program.

If you are interested in presenting a paper at DEC/INTESM II, please submit an abstract of 250-300 words describing your proposal to the address below. It should be original, innovative and thought provoking. All papers will be published in the Symposium Proceedings.

Topics of interest include, but are not limited to the following areas:

- Design verification
- Modeling and simulation
- Field service procedures
- Plant processes and practices

New credit union board elected

Charlene O'Brien, Mark Steinkraus and Philip Moseley were reelected to the Digital Credit Union (DCU) board of directors for three-year terms. Six candidates ran on the mail ballot supervised by the auditing firm of Peat, Marwick, Mitchell & Co.

The results of the election were announced at DCU's third annual meeting held in Maynard on March 28.

FY83 calendars available

Calendars for fiscal 1983 are now available at all U.S. facilities through their stationery stores. If your site does not have them, please contact Northboro at DTN 234-4382.

Calling Stow

The new facility at Stow is part of the Maynard telephone Centrex. Calls between Stow and Maynard can be completed by dialing the last five digits instead of 8 plus the DTN code plus the extension.

If you are located at the Mill, Parker Street, St. Bridget's or Powdermill Road and wish to call Stow, dial 6 plus the four digit extension.

To call Maynard from Stow, dial 3 plus the last four digits of the extension.

- System testing and diagnostics
- Depot repair
- Topics for research
- Robotics
- Fixturing
- Impact of LSI/VLSI
- Hybrid Technology
- Component test
- Module test
- Testability and built-in test
- Software practices

The deadline for abstracts is June 15. Authors of accepted papers will be notified during July, and will receive formal instructions at that time. Final typed papers should be a minimum of 1,500 words, appropriate for a 20-minute presentation. They will be due on September 1.

Those interested in serving on the Steering Committee should contact Dick Albright by April 30.

Committee address:

Dick Albright, chairperson
QI-1/B20, Advanced Test Tech
Group
32 Wiggins Ave., Bedford, Mass.
DTN 8-280-7238

Digital reports third quarter results *continued from page 1*

OPERATING RESULTS FOR THE FIRST NINE MONTHS AND THIRD QUARTER:

	Nine Months Ended	
	March 27, 1982	March 28, 1981
Equipment Sales	\$2,028,892,000	\$1,676,529,000
Service and Other Revenues	\$ 775,583,000	\$ 583,538,000
Total Operating Revenues	\$2,804,475,000	\$2,260,067,000
Income Before Taxes	\$ 484,274,000	\$ 374,238,000
Provision for Income Taxes	\$ 188,867,000	\$ 147,824,000
Net Income	\$ 295,407,000	\$ 226,414,000
Average Number of Shares Outstanding	55,446,941	52,322,695
Net Income Per Share	\$5.33	\$4.50

	Three Months Ended	
	March 27, 1982	March 28, 1981
Equipment Sales	\$ 719,973,000	\$ 632,359,000
Service and Other Revenues	\$ 279,287,000	\$ 211,026,000
Total Operating Revenues	\$ 999,260,000	\$ 843,385,000
Income Before Taxes	\$ 171,144,000	\$ 165,672,000
Provision for Income Taxes	\$ 63,615,000	\$ 65,440,000
Net Income	\$ 107,529,000	\$ 100,232,000
Average Number of Shares Outstanding	55,541,583	52,507,757
Net Income Per Share	\$1.94	\$1.89

ESG reports on showcase

The Engineering Systems Group (ESG) recently hosted an intensive two-day Customer Seminar and Product Exposition on the productivity tools available from ESG for the engineering marketplace.

The seminar and exposition were part of ESG's Engineering Productivity Showcase. Both events were held in Los Angeles in February. The first day of the seminar was devoted to the structural and mechanical markets; the second was devoted to the electronics and civil markets.

Over 20 third party applications software vendors were on hand to demonstrate, explain and discuss their software applications according to customer need and interest. In addition, the Engineering Systems Group announced at the Showcase agreements with five software companies to market cooperatively their advanced engineering software products with Digital's family of VAX-11 superminicomputers. (See Digital This Week, Vol. 9, No. 6).

The Product Exposition was held in conjunction with the Customer Seminar for application demonstrations and customer interaction. Each of the third parties was represented at the exposition in a "trade show" format. There were two VAX-11/780's and two VAX-11/750's at the exposition. In addition, Digital provided booths for applications and service groups. President Ken Olsen appeared as the keynote speaker at the Customer Seminar.

By providing customers valuable applications software information and training through the third party vendors, the Showcase also provided ESG with an opportunity to reinforce its commitment to engineering productivity and performance.



(left to right) Ken Olsen, Peter Smith, ESG group manager, and Leoy Emkin, Georgia Tech, meet at ESG's Engineering Showcase.

Ed Services Development and Publishing wins awards

Five manuals produced by Digital's Educational Services Development and Publishing (ESD&P) group in Maynard recently won awards in the 1981-1982 Technical Publications Competition of the Society of Technical Communicators.

The VT101 Pocket Service Guide and the DECmate System Architecture Manual each received an "Award of Merit." The TM78 Magnetic Tape Formatter Technical Manual, DECwriter IV Graphic Printer User Guide and DECwriter IV Extended Logic User Guide each won the "Award of Excellence" and qualify for the Society's international competition.

These manuals provide user and maintenance information for Digital's customers and service organizations. Creation of the manual requires an understanding of the customer, information to be covered, analysis of the user's needs, and how the manual fits into the total product offering. The production of a successful manual is dependent on the support of many Digital organizations.

ESD&P would like to share these honors with Engineering, Sales, Field Service, Customer Services and the patient people who helped validate the manuals.

UMass offers Videotape Program

The following courses are available at Digital facilities through the University of Massachusetts' Videotape Instructional Program this summer. The summer semester will commence the week of June 1 and will conclude during the last week of August.

The cost per course is \$500. A minimum number of 5 participants are required per course, per location. The graduate level courses noted below (500 level and above), through the Department of Electrical and Computer Engineering, are appropriate for the completion of a master's degree in that discipline. All requirements for the Master's Degree program in Electrical and Computer Engineering, with concentrations in computers, communications and systems, and electrophysics, may be met through participation in the Videotape Instructional Program.

E.C.E. 211, Systems Analysis I
E.C.E. 214, Active Networks I

E.C.E. 571, Microelectronics
E.C.E. 585, Microwave Engineering II
E.C.E. 606, Electromagnetic Field Theory
E.C.E. 669, Computer Architecture II, VLSI
E.C.E. 746, Statistical Communications Theory

E.C.E. 212, Systems Analysis II
E.C.E. 560, Introduction to Computer Graphics

E.C.E. 584, Microwave Engineering I
E.C.E. 602, Algebra and Coding
E.C.E. 668, Computer Architecture I
E.C.E. 672, Design and Analysis of Computer Algorithms
E.C.E. 787A, Distributed Data-Base Systems
E.C.E. 787B, Advanced Graphics and Computer-Aided Design

Industrial Engineering 520, Probability and Statistics for Engineers
Math 131 Calculus I
Math 132 Calculus II

Beginning in the fall semester of 1982, the School of Engineering's Department of Industrial Engineering & Operations Research will be offering, through the Videotape Instructional Program, a master's degree program in ENGINEERING MANAGEMENT. This 12-course program is designed for currently employed engineers who are either involved in or wish to enter engineering management positions. Although the program will be conducted primarily using videotape, certain courses will require 1 or 2 days on campus per semester. The curriculum for this program is as follows:

fall 1982 Industrial Psychology/Probability and Statistics for Engineers
spring, 1983 Technology Administrative Systems/Decision Analysis
summer, 1983 Elective
fall, 1983 Engineering Economics I/Technology and Markets
spring, 1984 Engineering Economics II/Engineering Law and Ethics
summer, 1984 Elective
fall, 1984 Project Management/Technological Entrepreneurship

To register for summer courses, or to receive further information on graduate programs in Electrical and Computer Engineering and Engineering Management, contact:

Office of Extended Engineering Education
113 Engineering Building East
University of Massachusetts
Amherst, MA 01003
(413) 545-0063

Employee development announces courses

Corporate Employee Development Programs has openings for the following courses:

Supervisory Skills I
Habitat Institute, Belmont, Mass.
June 23-25

Key Financial Concepts for the Individual
Maynard Rod and Gun Club, Maynard,
June 14-15

To enroll, contact your Personnel rep, training coordinator or call the course registrar at DTN 223-2938. In June, the new July-December calendar will feature lower tuition costs, a selection of day-long skills modules and new courses designed for the current market pressures.

Technical Seminar Series

The tentative schedule for May Technical Seminar Series

May 4 - Andrew Steckl, Rensselaer
10 a.m. - "The VLSI Program at Rensselaer: A Multi-disciplinary Approach"

May 5 - Nick Tradennick, IBM
2 p.m. - "The IBM Micro/370 Project"

May 7 - Gordon Bell & William Hawe, Digital
3 p.m. - "Why Digital is committed to Ethernet for the Fifth Generation"

May 10 - Robert Albrow, GenRad
10 a.m. - "VLSI Tester and CAT Architecture"

May 12 - John Ousterhout, Berkeley
3 p.m. - "CAESAR: An Interactive Editor for VLSI Layout"

May 18 - Fabian Pease, Stanford
2 p.m. - "Generation and Application for Microstructures for VLSI"

May 21 - Mike Monachino, IBM
10 a.m. - "Design Verification System for Large Scale LSI Designs"

May 24 - Charlie Mulner, University of Washington
11 a.m. - "New Insights in Asynchronous Design Methodology"

May 28 - Ron Melanson, Digital
10 a.m. - "CHROMA Design System"
All seminars are held at the hall of White Mists in Hudson, Mass., HL1. For updated information, call Gretchen Nace at DTN 225-5057.

Clark's lists summer M.B.A. courses

Clark University's Graduate School of Management offers an M.B.A. program on-site at Digital Parker Street facility. For those currently enrolled, the following courses will be offered at Digital during the Summer Term (May 17-June 24):

MGMT 302 - Quantitative Methods
MGMT 354 - Research and Development Management
MGMT 318 - Group Dynamics (offered at Clark campus on Saturdays)

All courses meet twice a week during the six week session, except for MGMT 318 which will meet once a week for 6 and 7 hours.

If you are not currently enrolled in the program, there is still time to apply for the Fall 1982 semester and the deadline for applications including current GMAT scores and recommendations is August 1. If you have not yet taken the GMAT, this can be done on June 23 (test application deadline is May 18) if you are interested in September admission.

For more information about the M.B.A. from Clark University, contact Louise Janhunnen, 793-7658, or by returning this form to the Graduate School of Management, Clark University, 950 Main Street, Worcester, MA 01610.

Please send me information on the Clark M.B.A. Program at Digital.

Name _____

Address _____

Please send: catalog application GMAT information

Offerings from Ed Services seminars

To register for the following courses, call the Seminar Registrar at DTN 249-4949.

Sign of Applications under VAX/VMS

This new, highly interactive four-day seminar focuses on application design approaches that maximize the use of hardware and software. Three case studies of typical customer applications—data acquisition, process control, and transaction processing—show how to exploit system features to achieve efficient design solutions for each application. Upon completion, attendees will thoroughly understand the interrelationship between system hardware and software functionality for design. Prerequisites: The attendee should have attended "VAX/VMS Utilities and Commands" and one of the VAX programming courses and should have a working ability to program in VAX-11 Macro.

June 7-10, Corporate Auditorium, Maynard

Introduction to Datatrieve-11

This seminar will teach attendees to use Datatrieve-11, a powerful data base, query, maintenance package, and data base report writer in just three days. The seminar will cover many important features of Datatrieve-11 and demonstrate its ability to give you:

- faster response to one-time queries
- new applications without the need for large programming staffs
- powerful record selection with subsetting capabilities
- flexible output, including generation of complex reports, complete data lists, lists of single fields, single items from a data set, totals, costs, averages, and minimum and maximum of particular items.

This seminar has been carefully designed to maximize learning. Each section combines lectures, labs, and exercises which allow you to understand and utilize the various functionalities of Datatrieve-11.

June 7-9, Bedford

Office Education offers EDT course

Learn to create, edit and format on the EDT Text Editor. Office Education's new one-day course offers employees the on-line basic usage of Digital's Standard Text Editor. In addition, students will learn how to log in and out of VAX/VMS or a PDP-11 under RSTS/E using a VT100 terminal.

EDT will be offered at the Parker Street training center on May 5, 7, 18 and June 9 and 10. To register, please send a memo to the Office Education Registrar, PK3-17B11, including your name, badge, cost center, DTN extension, mailstop and your manager's printed name and signature.

To enroll for either course, contact the Employee Software Registrar at DTN 249-4670, BU/E29

BLISS is back (J1509)

Educational Services has again scheduled the popular BLISS programming course. Sessions will begin on May 3, June 28, July 19, and August 9. Each is a five-day course held at Digital's Training Center in Bedford, MA. The course is intended for anyone familiar with a higher level language who wishes to learn BLISS.

Software Quality Workshop (J1351)

This interactive workshop concentrates on developing a workable definition of software quality; how software quality interacts with Digital's business goals; and how to plan for, measure, and achieve software quality goals.

The workshop is intended for project leaders, supervisors, and programmers, but anyone involved with developing or delivering a software product will benefit from the course. The two-day workshop is limited, so please enroll early.

Fisher plans summer sessions

The Maynard Extension of Fisher Junior College, located in the Maynard High School, Great Road, Maynard, MA, will be starting summer terms on May 11, and on July 13. Classes meet on both Tuesday and Thursday evenings for an eight week period and are part of Fishers' 20 month program to earn an Associate in Science Degree in Business Management.

The courses offered in May are Principles of Marketing, Real Estate, and Macroeconomics. The July courses are Principles of Management, Introduction to Data Processing and Microeconomics. For further information about these courses or others offered at the Maynard Extension of Fisher Junior College, call Susan Redding at 617-897-2680 or come in for an interview Tuesday or Thursday evening from 4:30 p.m. to 8:30 p.m.

New Product Planning Workshop is offered

The Terminal Manufacturing Group is now offering a five-day course on New Product Planning.

The new course provides an overview of new product start-up (NPSU) at Digital. It presents detailed information on how Phase Reviews work, on a variety of planning tools (including PERT, GANTT, Workplan and PERTX) and on the interpersonal skills needed to work successfully in a high pressure environment.

Anyone who is responsible for tracking

Add to your skills

Registration is open for Office Education/Educational Services workshops for May. At the time of publication, there are openings for all of the classes listed. But many of them do fill up quickly, and it may be necessary to schedule you for a class at a later date. All Basic Word Processing courses have been filled for the month of May.

Adventures In Attitudes May 7 (PK)
Basic WPS for Managers/Supervisors May 13, 18, 19, 28 (PK)

Cost Center Expense Reports May 17 (PK)

Creative Effective Visuals May 27 (PK)
Customer Awareness May 11, 28 (PK)

DEC/SEC Procedures May 20 (PK)
EDT May 5, 7, 18 (PK)

EMS I May 24, 25, 26 (PK)

EMS II May 19 (PK)

How to Dictate May 12 (PK)

Introduction to Computer Concepts May 6 (PK), 13 (BU), 20 (PK)

Introduction to Word Processing May 14 (PK)

Number Skills May 24-28 (PK)

Office Use of DECsystem-10 May 10-12 (BU)

Office Use of DECSYSTEM-20 May 17-19 (BU)

Principles of Negotiation May 10 (MR), 18 (PK)

RCS May 13 (PK)

RUNOFF May 11 (PK)

Terminal Typing May 24-28 (PK)

Time Management for Secretaries May 13 (PK), 17 (TW)

Understanding Style June 18 (PK), 22 (PK), 24 (BU)

Writing More Effective Letters, Memos & Reports May 13 (PK), 25 (MR)

To register, send a memo with your name, badge number, cost center and cost center manager's signature to Registrar, PK3-17B11 or contact the training coordinator at your facility. For additional information, call DTN 223-5820 for word processing/technical courses or DTN 223-2872 for all others.

project schedules or wants an overview of NPSU can benefit from this workshop. The cost is \$725, which includes meals and an updated copy of the New Product Planning Reference Manual.

The next scheduled dates of the workshop are May 17-21 and May 24-28 at the Bedford Customer Training facility. For more information, please contact, Ellen Hanlon at DTN 223-9025.

Registration deadline is April 30.

THE MARKETPLACE



REAL ESTATE

N. CRAFTON, 15yr old ranch, 1/2 acre, 4bdrm, 1 1/2 bath, fam rm, pool, gar, \$63900, Paul, TW247-2547

MILFORD, NH, condo, 2bdrm, 1 1/2 bath, frplc, full cell, 9% assum mort, avail 6/1, \$50000, Gerry, 279-5572

FRAMINGHAM, 2bdrm condo, basement, AC, washer/dryer, W/W crptg, \$47,900, Bob, 247-2473

ACTON, condo, 2bdrm, 1 1/2 bath, full bsmt & attic, frplc, AC, pool, tennis, \$83,500, Betsy, 272-3653

CHELMSFORD, hse, 5bdrm, 2bath, cape, 1 acre, ingrd pool, many extras, \$89900, Pat, 265-1529

MAYNARD, hse, 5rms, 2bdrms, nice yard, grt starter home, \$58000, Joyce, 223-2366

MARLBORO, 8rm garrison, 4bdrms, 1 1/2 bath, frplc, close to 495 & 20, \$91900, Sanyal, 235-3225

HULL, house lot, residential, 7000sq ft, overlooks marina, water & sewage included, Glenn, ML223-9747

WESTFORD, 5rm gambrel, lakefront w/beach rights, great view, peace & quiet, \$58500, Del, 247-2283

RENTALS

VACATION HOME, N. Conway, NH, 5bdrm, 3bath, 2frplc, gar, fully equipped, laundry, Teri, 223-7367

LAKEFRONT COTTAGE, Winnepausaukee, 3bdrm ranch, priv beach, boat, \$275/wk, Clayton, 246-2319

HOUSE, Edgartown, 3bdrm, 2bath, tennis avail, July: \$550/wk, Aug: \$600/wk, Vahram, 223-1393

LAKEFRONT COTTAGE, Winnepausaukee, 4bdrm, priv beach, dock, Moultonboro, \$350/wk, John, 231-5572

HOME, Martha's Vineyard, accom 6, avail Mon-Fri, July & Aug, \$300/wk, Dan, NR234-4040

VACATION HOME, E. Dennis, 3bdrm, lmi to beach, quiet, \$370 wky, June-Sept, Dick, 223-3072

COTTAGE, York Beach, ME, Oceanview, 1bdrm, July-Sept: 250/wk, June: \$150/wk, Larry, 223-5955

COTTAGE, Martha's Vineyard, 2 1/2 bdrm, remodeled, walk to beach, shops, \$375/wk, Russ, 275-6134

HOUSE, Maynard, 5rms, 2bdrm, gas ht, cellar, no pets, yard, avail 5/1, \$495+utils, Susan, 223-2364

WANTED

APT, 1 bdrm/equivalent, prefer private residence, Cambridge, Belmont, Waltham, Tom, BG223-1972

SPACE TO RENT, for storage of 25' boat on trailer, David, MR231-6712

APT, 1 bdrm, Lowell-Hudson area, working couple, no kids, Randy, 225-4781

ATARI HOME GAME SET, must be in excellent cond, up to \$60, Bill, 253-2549

APT, Berlin, Southboro, Marlboro area, resp working couple w/pets, Debbie, 223-9489

AMATEUR RADIO OPERATORS, compiling a list of operators within DEC, Ed, MR231-5060

HOUSE TO RENT, 3 bdrm, in central Mass, 1st two wks in June, Rory, PK223-9524

MOPED, and window air conditioner, Bert, 278-4209

SLIDE PROJECTOR, in gd cond, reas price, Barbara, WM241-4329

APT, studio or 2 bdrm, Marlboro-Hudson-Berlin, around \$250, Judy, 231-4119

GO KART PARTS, wheels, seat, clutch, etc, Andy, BP235-3412

APT, 1-2bdrm, Shrewsbury-Worc area, access to 9/290, Donna, ML223-6787

CIDER PRESS, wooden, in working order, Chris, HL225-5504

MOTORCYCLES

'80 HONDA 750, immac cond, adult driven, 1900 miles, \$2300 firm, Bruce, WA221-5303

'71 HONDA 350SL, exc shape, must see to appreciate, \$475, B/O, Ann, 223-5076

'80 SUZUKI GS 550L, mint cond, 1800 miles, \$1850, B/O, Ray, 223-6682

COLUMBIA COMMUTER MOPED, less than 100 miles, \$395, Wayne, PK223-8669

'79 KAWASAKI KZ400, 8Kmi, elec start, exc cond, red, extra parts, \$1500, Ted, HL225-6038

'80 PUCH MOPED, 500 miles, exc cond, \$400 firm, Eileen, 223-5741

ROOMMATES

HOUSEMATES, M/F, Conc Center, antique colonial, restored, \$275+utils, Robin, 223-8549

HOUSEMATE, non-smoker to share house in Lancaster, Diane, US276-6025

ROOMMATE, F, to share new condo, Rt20, Marl, exc loc, \$175+utils, Susan, 225-5946

ROOMMATE, F, to share 2bdrm apt in Marl, \$137.50+utils, Elizabeth, 223-7280

ROOMMATE, F, duplex, Mayn, 2bath, frplc, quiet st, avail 5/1, \$300+utils, Helena, 273-3224

ROOMMATE, M/F, 2bdrm apt in Salem, NH, pool, heat & hot water inc, \$200+elec, Laura, TW247-2040

ROOMMATE, F, 2bdrm, 2bath apt, Arlington, mid-June, small complex, \$300 inc heat, Paula, BU249-4139

ROOMMATE, M, 6rm apt in Fitchburg, 20-25, \$200 inc heat & utils, Paul, NR234-4967

CARS

'80 CHEVY CAMARO, 6cyl, PS, PB, AM/FM cass, auto 29Kmi, white, navy int, \$6300, B/O, Andrea, 223-6

'80 FORD MUSTANG, hatchback, 4cyl, 4spd, sunrf, AM/FM w/tape, \$4600, Jeanne, BX224-2272

'76 PINTO WAGON, auto, PS, AM/FM, gd body, 54Kmi, \$2400, Sharon, 231-6001

'73 AMC HORNET, 115Kmi, 6cyl, radial tires, \$350, B/O, Michael, HL225-4323

'71 VW SUPERBEETLE, 70Kmi, AM/FM, blue, \$1000, B/O, Linda, PK223-8324

'79 OLDS STARFIRE, V6, PS, AM/FM cass, 30Kmi, rear defog, drk blue, \$4500, Jean, 223-4748

'71 VW BUG, \$1100, and '71 VW VAN, \$1700, John, 223-9772

'72 VW SUPERBEETLE, std, vy gd body, runs well, recent clutch, red, \$1000, Lorraine, 223-8024

SPORTING GOODS

HORSE SADDLES, 1 English, 1 Western, vy gd cond, best reas offer, Bamy, HL225-5858

BIKE, 19" Fuji Royale, 12spd, alloy parts, brand new, \$265, Lisa, 223-6690

'80 ARTIC-CAT SNOWMOBILES(2), 3000 fan-cooled Jags, tach, Speedo covers, \$1K ea, Steve, 223-9263

10 SPD BIKE, lge boy's Schwinn Varsity, 20" frame, 27" whls, vy gd cond, \$65, Bob, 223-7573

GOLF CLUBS, Hogan woods 1345, D3 Apex regular, graphite driver, \$80 firm, Gary, NR234-4215

MISCELLANEOUS

QUARTZ SPACE HEATER, 1500W, 3ft high, thermostat, tilt switch, \$30, Steve, 223-5724

TIRES, L78x15(2) on Chrysler rims, \$60/pr, TRA HITCH, \$20, Carl, 234-5084

FAVILLA GUITAR, w/case, exc cond, good action, good sound, \$125, Marion, 223-3993

CHAIN SAW, Echo model #351, 16" bar, exc cond, \$150, Sibby, MR231-4420

ATARI, w/3 cartridges: Asteroids, Superman, Combat, \$130, B/O, Jackie, UP278-4016

CJ7 SOFT TOP & DOORS, tan, used 1 summer, \$270 firm, Barbara, PK223-7407

GAF MOVIE CAMERA, \$140, HOTPOINT FREEZER, 13.3cu. ft., \$300, Lou, 223-3438(2nd shift)

STEREO COMPONENTS, Luxman T2 tuner & L3 integrated amp, 35w/chnl, \$300, 331KLH spkrs, \$25, Anna, 223-2670

BORIS, computer chess set, gd cond, \$200, B/O, Eileen, 223-8852

DIAMOND RINGS(3), 1 w/sapphires, \$225-600, have appraisals will negotiate, Rosemary, 253-2447

SNOWBLOWER, 5hp, Snowbird, 5yrs old, runs well, \$150, Gary, PK223-6030

TV, RCA Color-Trak, 19", 1 1/2 yrs old, like new, \$300, B/O, Carol, 274-6577

INTELLIVISION GAME, 3mos old, 12 cartridges inc, \$425, will not sell separately, Eileen, 283-7498

STOVE COAL, 1/2 ton in 20lb bags, pick-up in Nashua, \$4/bag, Tracy, ML223-3362

TEAC TAPE DECK, Model A-2340SX, 7" R to R, 4chnl w/sync, exc cond, \$650, Bill, ML223-9205

125 GAL AQUARIUM, comp set-up for fresh or water, diatom filter, extras, Gerry, 231-5582

135MM VIVITAR TELEPHOTO, f2.8 w/skylight filter, screw mount, \$50, Jody, 231-6930

RIDER-MOWER, Sears, 6HP, 26" cut, 3 forward spds, \$450, 30" lawn sweeper, \$75, both \$500, Rita, 231-6589

Type or clearly print your ad and send to Marketplace, PK3-1/K23. Ads are published on a first-come, first-served basis for Digital employees. The full name, location and all seven digits of the employee's DTN number must be submitted with the ad.

Category

Item

Description (include price)

DTN telephone number Location

Name

first

last



For Flight Reservations or Charters, Call
223-4003 or 617/493-4003

AIRCRAFT Schedule

Effective
May 1, 1982 to October 31, 1982

Depart		Arrive		Depart		Arrive		Depart		Arrive		Depart		Arrive	
To BEDFORD PARK				From MERRIMACK/ NASHUA & SPITBROOK				To MAYNARD				To OTTAWA			
From MAYNARD				7:14 a • 7:40 a				From BEDFORD PARK				NOTE:			
9:08 a • 9:18 a				7:30 a • 8:13 a				10:28 a • 10:38 a				See Ottawa service in-			
4:28 p • 4:38 p				8:33 a • 9:00 a				2:26 p • 2:36 p				formation (reverse side).			
From MERRIMACK/ NASHUA & SPITBROOK				11:05 a • 11:50 a				From MERRIMACK/ NASHUA & SPITBROOK				Note requirements for			
10:10 a • 10:25 a				1:30 p • 1:55 p				7:30 a • 7:50 a				hand-carried company			
2:09 p • 2:23 p				2:28 p • 2:53 p				8:07 a • 8:27 a				materials.			
To COLORADO SPRINGS				From TEWKSBURY				From MAYNARD				From HANSCOM FIELD (Tues., Wed., Fri., Only)			
From HANSCOM FIELD (Mon., Wed., Fri., Only)				Flights are available on demand on the asterisk marked Merrimack to Logan and Logan to Merrimack flights.				7:30 a • 8:04 a				7:00 a • 8:20 a			
8:30 a • 11:00 a				2:09 p • 2:36 p				8:10 a • 8:30 a				(Everyday)			
To HANSCOM FIELD				To MARLBORO				8:30 a • 9:04 a				5:00 p • 6:20 p			
From COLORADO SPRINGS (Mon., Wed., Fri., Only)				From MERRIMACK/ NASHUA & SPITBROOK				8:53 a • 9:13 a				(Sundays Only)			
12:30 p • 6:15 p				8:07 a • 8:36 a				10:01 a • 10:35 a				5:30 p • 6:50 p			
From OTTAWA (Mon., & Thurs. Only)				9:07 a • 9:27 a				10:15 a • 10:35 a				To TEWKSBURY			
7:00 a • 8:15 a				9:38 a • 10:07 a				11:50 a • 12:18 p				Flights are available on demand from Logan & Merrimack on the aster- isk marked Logan to Merrimack & Merrimack to Logan flights.			
8:45 a • 10:00 a				11:30 a • 11:53 a				12:05 p • 12:30 p				To WESTFIELD/ WEST SPRINGFIELD			
8:45 a • 10:00 a				1:15 p • 1:35 p				12:33 p • 12:53 p				From MAYNARD/ MARLBORO			
8:45 a • 10:00 a				2:23 p • 2:43 p				1:46 p • 2:06 p				7:15 a • 8:00 a			
8:45 p • 8:00 p				3:17 p • 3:39 p				2:00 p • 2:20 p				12:00 p • 12:45 p			
To LOGAN/BOSTON				To MAYNARD/ MARLBORO				To MERRIMACK/ NASHUA & SPITBROOK				4:10 p • 4:55 p			
From MAYNARD/ MARLBORO				From LOGAN/BOSTON				From BEDFORD PARK				MERRIMACK/ NASHUA/ SPITBROOK			
7:10 a • 7:30 a				7:35 a • 7:55 a				9:21 a • 9:35 a				From MARLBORO			
7:53 a • 8:13 a				7:47 a • 8:07 a				4:41 p • 4:55 p				7:39 a • 8:04 a			
7:58 a • 8:18 a				8:23 a • 8:43 a				From BOYLSTON				8:39 a • 9:04 a			
8:46 a • 9:06 a				8:45 a • 9:05 a				Flights to and from Merrimack are available from the Marlboro facility.				10:10 a • 10:35 a			
10:03 a • 10:23 a				9:40 a • 10:00 a				12:10 p • 12:53 p				11:58 a • 12:18 p			
10:51 a • 11:11 a				10:28 a • 10:48 a				2:00 p • 2:25 p				1:38 p • 2:06 p			
11:30 a • 11:50 a				11:16 a • 11:36 a				3:30 p • 4:27 p				2:46 p • 3:14 p			
1:00 p • 1:20 p				12:10 p • 12:30 p				4:05 p • 5:43 p				4:02 p • 4:27 p			
1:48 p • 2:08 p				1:25 p • 1:45 p				6:30 p • 6:55 p				5:33 p • 5:54 p			
2:10 p • 2:30 p				2:13 p • 2:33 p				From MAYNARD				7:30 a • 8:04 a			
2:36 p • 2:56 p				2:35 p • 2:55 p				7:39 a • 8:04 a				8:10 a • 8:30 a			
2:58 p • 3:18 p				3:30 p • 3:50 p				8:30 a • 9:04 a				8:30 a • 9:13 a			
3:40 p • 4:00 p				3:45 p • 4:05 p				8:53 a • 9:13 a				10:01 a • 10:35 a			
4:08 p • 4:28 p				3:46 p • 4:06 p				10:01 a • 10:35 a				10:15 a • 10:35 a			
4:35 p • 4:55 p				4:05 p • 4:25 p				10:15 a • 10:35 a				10:41 a • 11:02 a			
4:56 p • 5:16 p				4:33 p • 4:53 p				11:50 a • 12:18 p				11:50 a • 12:18 p			
5:30 p • 5:50 p				5:00 p • 5:20 p				12:05 p • 12:30 p				12:05 p • 12:30 p			
5:48 p • 6:08 p				6:00 p • 6:20 p				12:33 p • 12:53 p				1:46 p • 2:06 p			
6:23 p • 6:43 p				6:48 p • 7:08 p				1:46 p • 2:06 p				2:00 p • 2:20 p			
From WESTFIELD/ WEST SPRINGFIELD				From LOGAN/BOSTON				2:54 p • 3:14 p				2:54 p • 3:14 p			
8:05 a • 8:50 a				7:35 a • 7:55 a				3:53 p • 4:27 p				3:53 p • 4:27 p			
12:50 p • 1:35 p				7:47 a • 8:07 a				4:28 p • 4:55 p				4:28 p • 4:55 p			
5:00 p • 5:45 p				8:23 a • 8:43 a				4:53 p • 5:14 p				5:23 p • 5:54 p			
To SHANNON				From WESTFIELD/ WEST SPRINGFIELD				MERRIMACK/ NASHUA/ SPITBROOK				To SHANNON			
From PRESTWICK				8:05 a • 8:50 a				From MARLBORO				From PRESTWICK			
Depart Arrive				12:50 p • 1:35 p				7:39 a • 8:04 a				7:30 a • 8:30 a			
7:30 a • 8:30 a				5:00 p • 5:45 p				8:39 a • 9:04 a				5:45 p • 6:45 p			
To PRESTWICK				5:00 p • 5:45 p				8:39 a • 9:04 a				From SHANNON			
From SHANNON				7:30 a • 8:30 a				8:39 a • 9:04 a				Depart Arrive			
7:15 p • 8:15 p				7:30 a • 8:30 a				8:39 a • 9:04 a				9:00 a • 10:00 a			
To double check or con-				8:30 a • 9:04 a				8:39 a • 9:04 a				7:15 p • 8:15 p			
firm flight schedules,				8:53 a • 9:13 a				8:39 a • 9:04 a							
please contact: Ken				10:01 a • 10:35 a				8:39 a • 9:04 a							
Howard, American Ex-				10:15 a • 10:35 a				8:39 a • 9:04 a							
press Travel: Extension				10:41 a • 11:02 a				8:39 a • 9:04 a							
3391				11:50 a • 12:18 p				8:39 a • 9:04 a							
				12:05 p • 12:30 p				8:39 a • 9:04 a							
				12:33 p • 12:53 p				8:39 a • 9:04 a							
				1:46 p • 2:06 p				8:39 a • 9:04 a							
				2:00 p • 2:20 p				8:39 a • 9:04 a							
				2:54 p • 3:14 p				8:39 a • 9:04 a							
				3:53 p • 4:27 p				8:39 a • 9:04 a							
				4:28 p • 4:55 p				8:39 a • 9:04 a							
				4:53 p • 5:14 p				8:39 a • 9:04 a							
				5:23 p • 5:54 p				8:39 a • 9:04 a							

Woods Hole, Martha's Vineyard and Nantucket

You and your family can ride the ferry to Martha's Vineyard or Nantucket Island at discount prices. From April 15th to October 14th, 1982 the Steamship Authority is offering employees *round-trip* routes: Woods Hole to Martha's Vineyard: Adults \$5.50 - children ages 5 to 15, \$2.75. Woods Hole or Hyannis to Nantucket Island: Adults - \$11.00 - children ages 5 to 15, \$5.50. Children ages 5 and under will not be charged.

This discount is not available through mail order purchases. It is honored only on the day of sailing for in person purchases at ticket offices. The coupon itself must be presented in order to receive the discount. Digital badges will not be accepted as substitutes.

The discount is not applicable for passenger tickets purchased on a one-way basis nor does the discount apply to vehicle fares.

DIGITAL EQUIPMENT CORPORATION 1982 STEAMSHIP AUTHORITY

Employee Name: _____

No. Adults _____ No. Children _____

WOODS HOLE TO MARTHA'S VINEYARD _____

WOODS HOLE TO NANTUCKET _____ HYANNIS TO NANTUCKET _____
(South Street Dock)

DATE: _____

DISCOUNT VALID FROM APRIL 15th to OCTOBER 14th, 1982
ONE COUPON GOOD FOR ENTIRE PARTY
YOU MUST PRESENT THIS COUPON OR PHOTOCOPY OF IT WHEN BUYING
YOUR TICKETS TO RECEIVE DISCOUNT.
BADGES WILL NOT BE ACCEPTED

Corporate agreement gives employee discount

Digital's rental agreements with National and Avis car rental agencies give employees the same discounts and rates for personal rentals. An agency identification sticker (A.I.D./Avis or Recap/National) assures the correct discount appears on the rental agreement. These stickers are available from your local Digital travel department or Corporate Travel.

To determine specific rates, contact your local travel coordinator. Specify Digital's corporate I.D. number when making a reservation. For Avis, the number is #126200, and the toll-free reservation number is 800-331-1212. For National, the I.D. number is #5202000, and the toll free number is 800-328-4567.

Company travel cards or one-time travel charge forms may not be used for personal rentals.

TICKET SALES

The Littleton Theatre Guild presents "Done to Death," a mystery-comedy by Fred Carmichael, on May 14, 15 and 16 at the Littleton High School Auditorium. The play stars many Digital employees. Tickets are discounted to \$3.50 for employees. To order, please call Christine Medeiros at DTN 223-5042.

Forming Vanpools To Bedford, MA

From **Boston**, Henry Tucker, (617) 276-7415

To Hudson, MA

From **Allston, Brighton, Boston**, Peter Gaston, 225-5873

To Marlboro

From **Nashua, NH** area, Bob Kulak, 231-6730

To Stow

From **Allston, Brookline**, Terry Dedman, 223-5365

From **Arlington area**, Sue Karash, 223-5617

COMMUTER CORNER

Find out how to cut down on commuter costs by contacting the Commuter Transportation Department, DTN 251-1525.

Call the following DTN numbers to join these routes.

Vanpools To Maynard

From **Fitchburg, Leominster** to Mill and Powdermill Road, Tony Membrino DCV #43, 223-8164 or Ed Visco, 223-4181

From **Amherst, NH**, Doug Ryder DCV #29, 223-2513

From **Westboro, Shrewsbury, Southboro, Northboro**, Vic Hamburger DCV #87, 223-8441

From **Chelmsford, Lowell, Westford** via 27, DCV #48, John Coppinger, 223-8363

From **Brockton/Dedham**, Harold Woods, 223-5686

From **Townsend, Groton**, DCV #17, Mike Fortunato, 223-4592

To Maynard/Stow
From **Manchester, Merrimack, NH** to Mill, Parker Street and Stow, Ollie Baker DCV #69, 223-2747

Carpools

To Stow

From **Littleton, Groton, RIDER ONLY**, Doreen Whalen, 223-8743

To Maynard

From **Westgate, Brockton** area, ONE RIDER, to Mill (7:30-4:00), Al Petty, 223-6012

From **Worcester, Shrewsbury**, Paul Ward, 223-9604

To Marlboro

From **Arlington, Lexington, Cambridge**, Dick Belmont, 231-4356

Cruises

Employee Activities now offers cruises at special rates to Digital employees. Package includes 4 meals daily, salt water pool, deck sports, cabaret show, casino, disco.

ALL RATES PER PERSON

May 14th, 1982 - OVERNIGHT

Cruise to NOWHERE
Departs 5:30 p.m. Boston

Two Nights
Cruise to NOWHERE

May 15, 22, 24^{*}
Departs 4:00 p.m. Boston

May 17th, 1982
5 Nights

Cruise to BERMUDA
Departs 2:30 p.m. Boston

movies, duty free shop, gym, sauna.

Rates listed below are for superior room accommodations at minimum accommodation rates. Make reservations by calling DTN 223-2699.

	Twin	Triple	Quad.	Port Tax & Service
May 14th, 1982 - OVERNIGHT Cruise to NOWHERE Departs 5:30 p.m. Boston	\$60.	\$55.	\$50.	\$7.50
Two Nights Cruise to NOWHERE May 15, 22, 24 [*] Departs 4:00 p.m. Boston	\$160.	N/A	N/A	\$11.50
May 17th, 1982 5 Nights Cruise to BERMUDA Departs 2:30 p.m. Boston	\$395.	N/A	N/A	\$27.00

* Departs Providence - 9:30 p.m.