



## Three new committees replace Operations Committee

The Operations Committee will be replaced as the senior management body of Digital by three new committees. Scheduled to hold their first meetings in early April, these committees will increase the number of managers who review plans, operations and policies.

The new committees focus on Product Strategy, Marketing/Sales Strategy, and Management. Their charters and membership are as follows:

The **Product Strategy Committee** will review product strategies, prioritize product investments, approve product plans and review Manufacturing/Engineering/Marketing Interfaces.

Chairmen are:

Jack Smith, vice president, Manufacturing  
Gordon Bell, vice president, Engineering  
Ken Olsen, President

Members are:

Larry Bornstein, group Personnel manager, Manufacturing/Engineering  
George Chamberlain, Treasurer  
Jim Cudmore, group manager, Low-End Manufacturing  
Dick Esten, group manager, Terminals Manufacturing  
European Engineering Manager  
Sam Fuller, senior group manager, Corporate Research and Architecture  
Bill Johnson, vice president, Systems and Communication  
Andy Knowles, vice president, Small Systems/Large Computer Group  
\*Bill Long, manager, Laboratory Data Products (rotate - Technical Group managers)  
Julius Marcus, vice president, Business & Office Systems Engineering  
Don Metzger, group manager, Process and Design Support  
Larry Portner, vice president, Corporate Planning  
Grant Saviers, vice president, Storage Systems Development  
Harvey Weiss, manager, Mid-Atlantic/Southern States Area  
\*Jim Willis, manager, Commercial OEM (rotate - Technical Volume Group managers)  
Rick Corben, manager, Corporate Product Management, (Secretary)  
\*Rotate every six months.

The **Marketing/Sales Strategy Committee** will review marketing strategies and programs and approve major product pricing, new terms and conditions, channel strategies and promotion campaigns. It will also review Sales/Marketing interfaces.

Chairmen are:

Jack Shields, vice president, group manager

Ken Olsen, President

Members are:

John Alexanderson, manager, Installed Base  
Dick Berube, director, Public Relations  
Don Busiek, corporate manager, Software Services  
Gerry Butler, group manager, CSS  
\*Dick Farrahar, group Personnel manager, Marketing/ F&A (rotate with Dick Walsh, group Personnel manager, Field Operations)  
Bob Hughes, group manager, Business & Office Systems  
Ed Kramer, vice president, Technical Group  
Del Lippert, corporate manager, Educational Services  
Ward MacKenzie, vice president, Technical Volume Group  
Jerry Paxton, manager, Corporate Sales  
Jean-Claude Peterschmitt, vice president, Europe  
Ed Schwartz, vice president, Secretary and General Counsel  
Joel Schwartz, vice president, Marketing/Personal Computers  
Chick Shue, manager, Northeast States Area  
Jerry Witmore, vice president, General International Area  
Cliff Clarke, corporate manager, Field Administration (Secretary)  
\*Rotate every six months.

The **Management Committee** will review the two-year operating budget, integrate functions, approve organization and role changes and review and approve personnel, compensation and space policies and plans.

Chairmen are:

Win Hindle, vice president, Corporate Operations

Ken Olsen, President

Members are:

Al Bertocchi, vice president, Finance and Administration  
Pier-Carlo Falotti, vice president, European Field Operations  
Dave Grainger, manager, Western/Central States Area  
Bill Hanson, vice president, Systems Manufacturing  
Jeff Kalb, group manager, LSI  
Dick Poulsen, vice president, Field Service  
Bob Puffer, vice president, Storage Systems  
Jack Shields, vice president, group manager  
John Sims, manager, Corporate Personnel Staff  
\*Pete Smith, manager, Engineering Systems (rotate -- Marketing Group managers)  
Jack Smith, vice president, Manufacturing  
Bill Thompson, Corporate Controller  
Ron Smart (Secretary)  
\*Rotate every six months.



## Digital announces new Letterprinter 100 for personal computers

A new model of the Letterprinter 100 matrix printer for the Rainbow 100, DECmate II, and Professional 300 series of personal computers has been announced. The new model features high-speed and dot-matrix letter quality characters, as well as bit-map graphics output, Digital's standard multinational eight-bit character set, standard tractors and integral multi-font capability.

The new printer is targeted for personal computer users who require one solution to a number of printer output requirements. When used in draft mode, the printer can output 240 (7 x 9) dot matrix characters per second; in dot-matrix letter-quality mode, 30 (33 x 18) dot matrix characters per second. The Letterprinter 100 also has an optional 80 character-per-second intermediate printing mode using 33 x 9 dot matrix characters.

Bit-map graphics output on the new printer is compatible with all Digital systems, including the new high-resolution Professional 300 graphics. When in graphic mode, the printing densities range from 133 x 72 to 330 x 72 dots per inch, depending on terminal aspects ratio desired.

The new Letterprinter 100 is supplied with U.S. Courier 10, multinational Courier 10, and VT100 line drawing character sets as standard. It weighs 25 pounds and has a standard 400-character buffer.

The printer is priced at \$2,690. Shipping is scheduled to begin in March.

Accessories for the new Letterprinter 100 are the same as for the other family members. These include terminal stand, sheet feeder attachment, and a holder for roll paper. The multi-font feature enables users easily to plug two additional ROM-based font cartridges into the printer.

### DIGITAL THIS WEEK



#### Editor: Barbara Lovely

Send stories, photos, ideas or suggestions to DTW, CF02-3/K23 or call the editor at DTN 251-1307. Ads must be submitted in writing to Marketplace, CF02-3/K23. Please direct all Marketplace inquiries to Jennifer Hawes at 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.

## New ALL-IN-1 graphics software announced at conference.

A new ALL-IN-1 Graphics Program to encompass a combination of hardware and software graphics products developed specifically for business users, was announced by Digital at the opening of the 1983 Office Automation Conference held in Philadelphia.

Digital also announced improved DEC-type layered word processing software for VAX, and an agreement with Houghton-Mifflin Company, publisher of the American Heritage Dictionary, to incorporate an advanced spelling verification/correction package into the ALL-IN-1 set of integrated office products.

The four graphics products that constitute the initial phase of the ALL-IN-1 Graphics Program include VAX-11 DECgraph, a decision-support tool for quick generation of quality charts and graphs by business users; VAX-11 DECslide, a presentation graphics facility for production and storage of slides with graphics and text; Polygraphix, a set of integrated tools primarily for creation of document combining text and graphics; and FINGRAPH®, a sophisticated financial management support system that can transform tabular data into standardized graphics formats for rapid problem identification and senior management reporting.

All of the new packages and their function can be accessed through the ALL-IN-1 menu via a variety of professional workstations such as the VT125 graphics terminal, DECmate II word processor, and the

Professional 350 and Rainbow 100 personal computers.

Software licenses for Polygraphix, VAX-11 DECgraph, and VAX-11 DECslide packages are all offered with full support. Polygraphix is priced at \$6,000 and is available within 30 days. VAX-11 DECgraph and VAX-11 DECslide are licensed at \$3,500 each and will be available in June and September, respectively.

DECtype is a full-featured word processing application that runs under VMS and CTS-300 operating systems. It shares many capabilities with Digital's popular WPS-8 word processing system and features menu-driven operation, concurrent word and data processing, standard and customized HELP facility and four-function mathematic package. It is licensed at \$5,000 for VAX system and \$3,000 for PDP-11 system running CTS-300 and will be available in May.

Digital's agreement with the Houghton-Mifflin Company of Boston, calls for conversion of Houghton-Mifflin's spelling verification and correction software to run on VAX computer systems as part of ALL-IN-1 product set. The package uses linguistic principles not only to detect spelling errors, but to automatically recommend the correct word. In addition it corrects capitalization, offers automatic hyphenation, and can accommodate user-specific terms. \*FINGRAPH is a trademark of Fingraph Corporation

## Field Operations Employment takes new approach to recruiting

Field Operations Employment located in Stow and Bedford is now organized by discipline rather than organization to simplify the employment process and improve productivity.

The Employment team consists of a Group Employment manager, an Operation and Systems supervisor, Functional Employment specialists and Employment coordinators. Each Functional Employment specialist is responsible for a certain discipline or job category such as hardware, software, business or non-exempt positions to recruit for Field Operations openings.

According to Barry Bograd, Group Employment manager, this approach, called DECPLACE, will allow the Employment specialists to focus on understanding the needs of the disciplines and knowing the available resources throughout the organization, company and market. "Our goal with DECPLACE is to increase productivity

by providing the same or a better level of employment services with fewer people," Barry said.

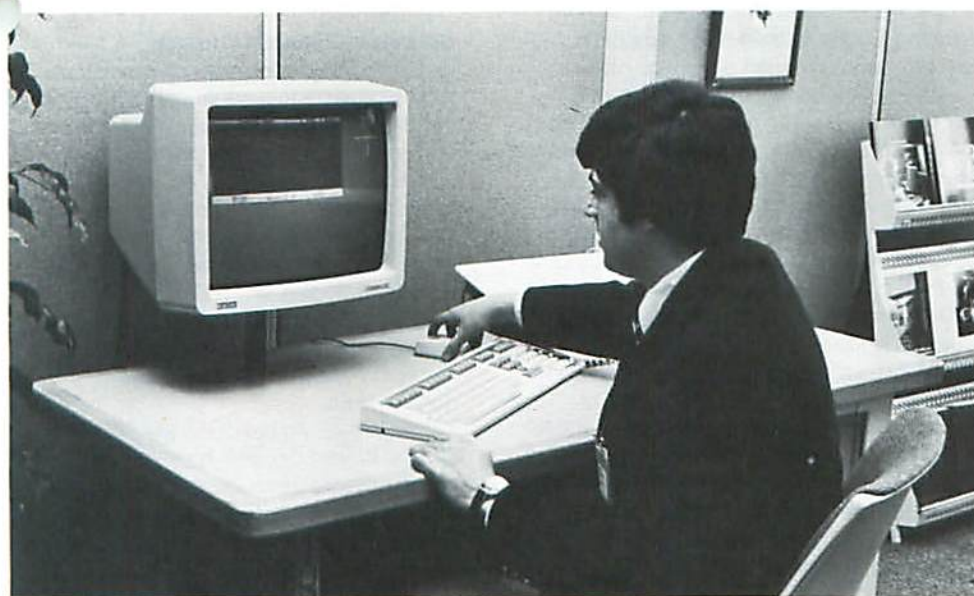
The Field Operations organizations that are now using DECPLACE are: Field Service Headquarters, Customer Service Systems Engineering, Software Services, Educational Services, Finance and Administration, Corporate Sales Planning and Development, Small Business Systems and Order Administration, Field Service Logistics/Manufacturing will be joining in July.

DECSTARS (DEC's Total Applicant Recruiting System) is used by the group to assist recruiting efforts. DECSTARS is an on-line system to monitor the status of applicants as well as to provide a fast easy means of reporting from the applicant data base.

For more information about functional recruiting contact Pauline Davis, DTN 276-9141.



## Vaxstation, multiple screens in one high performance workstation



VAXstation Engineering manager John Ferrara demonstrates the hand held pointing device which allows users to operate the VAXstation 100 by responding to images on the screen.

For anyone who frequently changes screens or moves from terminal to terminal to get their job done, a VAXstation 100 is the answer for increased office productivity. With a VAXstation 100, most computing needs can be accessed from one desktop terminal. The first in a family of compatible workstations, VAXstation 100 is a graphics subsystem designed for professionals who require high performance computing power and state-of-the-art graphics.

Everything from integrated circuit layouts to report writing, from statistical modeling to interoffice mail can be brought up in "windows" on the VAXstation screen at the same time.

"A VAXstation 100 is great for anyone who can derive benefit out of seeing more than one screen at once," says Rich Fiorentino, program manager for VAXstation. "People think interactively and need the ability to do multiple tasks at once. For instance, the engineer might do a mechanical design or drawing on one window, manipulate and change the data on another window and, at the same time, call up word processing to combine the text with the design. All this can be done with a VAXstation," Rich explains.

A VAXstation consists of a Digital supported VAX processor configuration, one or more VAXstation graphics subsystems and VAXstation software. The processing power--and expense--can be shared among several workstations or be a dedicated central processor.

VAXstation 100 offers monochrome display, one bit plane, and a high resolution screen composed of 864 vertical by 1088 horizontal pixels in a 19-inch diagonal landscape monitor. The graphics subsystem interfaces with the host VAX via fiber-optics cable. The subsystem consists of a

display processor, a display memory buffer of 4 million bits of memory, a low-profile detached keyboard, a pointing device and an optional 11"x 11" graphics tablet.

The graphics display processor for the VAXstation offloads most of the I/O-intensive processing from the host by locally processing high-level text, graphics, and control functions. It provides support for functions such as line drawing, polygon flood and fill, and region manipulation.

The graphics processor maintains a frame buffer that contains all the display data, which is displayed on the screen at any time. The region-manipulation, or "raster-op," function allows the user to move rectangular blocks of pixels from one location within the frame buffer to another and between the frame buffer and host memory. In addition to supporting multiple, movable "windows," this feature allows scrolling of text and graphics information. A special feature of the VAXstation is a "mouse," a hand held pointing device that selects programs and functions by responding to an icon or image on the screen.

At the heart of the VAXstation software is the System Display Architecture (SDA). The SDA is layered on the VAX/VMS operating system and provides an easy-to-use interface for application developers; multiple windows that can be manipulated freely by the user; emulation for the VT100 and Tektronix 4014 terminals; text and graphics generation, cursor manipulation, arbitrary character fonts, and fixed or proportionally spaced text; and access to all of the VAX/VMS features.

The VAXstation 100 has a base price of \$10,500 and will be available for delivery in the fall. For more information, write VAXstation Programs, MR03-1/Q17.

## Network Support Group formed

To support Digital's product offerings in the distributed systems and network area, a Network Support Group has been formed to provide: customer support, major proposal support, Sales support, Educational Services support, Software Services support and Field Service.

Tom Karpowski has been named Network Support manager. Most recently, Tom was manager of Field Service Logistics. He will report to Jerry Montague, manager of Operations and Support Technology for Field Service and Software Services.

The group will be located in the New England area, but will have worldwide support responsibility. It will also be accountable for development of service products that complement Digital's network architecture.

## Major productivity conference begins this week



Increasing manufacturing productivity through the use of advanced technologies is the focus of a major conference and trade show to be held March 16 through March 18 in Andover. Manufacturing Productivity Challenge '83 assembles Digital Manufacturing managers and technologists from all over the world to examine critical issues facing manufacturing, to present available solutions, to address competition and outline strategies.

Although attendance at the conference is by invitation only (through group and plant engineering managers), employees are invited to attend the trade show portion of the conference.

More than 20 in-house and vendor demonstrations will be on display at Digital's new Andover facility from 10:00 a.m. to 5:30 p.m. on Wed., March 16 and Thurs., March 17 and on Friday, March 18 from 10:00 a.m. to 4:00 p.m. Employees will have the opportunity to see the latest advances in robotics, automated assembly and materials handling, machine vision and automatic inspection.

The conference is sponsored by Digital's Advanced Technology Group and the Design/Manufacturing Automation Steering Group. Sessions will be videotaped and available for viewing after the conference.



## COMPUTER CORNER

Find out how to cut down on computer costs by contacting the Computer Transportation Department, DTN 223-7029

Call the following DTN numbers to join these routes.

### VANPOOLS

#### To Maynard

**From Andover, Tewksbury, Lowell,** Ross Morgan DCV #66, 223-2031

**From Lowell, Chelmsford, Westford via 110 and 2A,** John Coppinger DCV #48, 223-8363

**From Burlington, Route 128 area,** Jim Bryne DCV #23, 223-4168

**From Tyngsboro, Lowell, Chelmsford, Westford via Route 27,** Charles Welling-ton DCV #14, 223-3570 (part-timers considered)

**From Peabody,** Phil Baxter DCV #105, 223-6385

**From Leominster, Fitchburg (7:45 to 4:30),** Marie Berkio DCV #64, 223-5433

**From Hanover Mall, South Shore Plaza, Braintree,** Jack Carter DCV #45, 223-3679

**From Shrewsbury, Northboro, West-boro,** Vic Hamburger DCV #87, 223-8441

**From Holliston, Milford (K-Mart Plaza), Medway, Bellingham, Mendon, Franklin,** Mike Smith DCV #33, 288-6181

#### To Maynard/Littleton

**From Amherst, NH** Doug Ryder DCV #29, 229-6298

#### To Littleton(LJO)/Acton/Maynard

**From Salem, NH,** John McShane DCV #46, 282-2031

#### To Maynard/Nagog

**From E. Pepperell, Groton, Littleton,** Harry Aikens DCV #16, 223-9435

#### To Maynard/Stow

**From Hudson, Nashua, NH,** Bob Hoglund DCV #75, 223-5513

**From Brighton, Brookline, Newton to PKO, ML & Stow,** Terri Dedman DCV #98, 276-9728

#### To ACO & Nagog

**From Framlingham - Bowditch Road, Cong. Church, Nobscot Center, Sud-bury - Old Lancaster and Fairbanks Road, Maynard Center and Acton (ACO),** Marie Cote DCV #38, 288-6058 or Jean Doherty, 288-6441

#### To Northboro

**From Leominster, Fitchburg,** Peggy James DCV #91, 234-4135

### FORMING VANPOOLS

#### To Maynard/Stow

**From South Shore Plaza via Route 128, Houghton Pond, St. Bartholomew's, Needham,** Derek White, 276-9071 or Rex Howard, 276-9801

#### To Hudson

**From Fitchburg, Leominster,** Doug Powers, 225-6255

## Ed Services offers workshops

### Inspection Moderator's Workshop

Two-day Inspection Moderator's Work-shops are regularly offered at the Bedford Training Center to train engineers in the mechanics and human dynamics of in-spections. Attendees are trained to con-duct overviews, train inspectors, lead For-mal Inspections and report results. There are no prerequisites for the workshop but the attendee should be capable of leading a meeting. Moderator trainees should also be willing to act as inspection moderators for their own and other groups.

The workshop is funded by the Central Quality Group. For more information con-tact Milt Boyd via the Engineering Network at Metoo::SMW, DTN 381-2137, ZKO2-3/M31 or Lou Cohen, Inform::Cohen, DTN 223-6712, MLO3-5/B39.

Upcoming start dates for the two-day workshop are: April 13; May 11; June 15; August 17; and September 21. To register call the Ed Services Registrar, DTN 249-4670.

### Software Quality Workshop

In this two-day workshop, students will de-velop a definition of software quality; learn how software quality interacts with Digital's business goals; and learn 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 Software Quality Workshop is of-

fered: April 7-8; May 5-6; June 9-10; July 13-14 and August 10-11 at the Bedford Training Center.

### Software Testing Workshop

This three-day workshop utilizes discus-sion, lecture, and experiment to examine the nature of testing, explore the power and limitations of current testing methods, and consider how to test all aspects of a product throughout its development.

Participants will learn sources of assist-ance in designing and executing product testing strategies within Digital. They will be able to match the appropriate level of testing to different situations and develop the ability to state statistically meaningful quality goals.

This workshop builds on the Software Quality Workshop, with heavier emphasis on practical techniques. It is offered monthly at the Bedford Training Center and can be scheduled at other locations if the demand justifies it.

The Software Testing Workshop is of-fered: April 18-20; May 16-18; June 20-22, July 25-27, August 22-24 and September 26-28 at the Bedford Training Center.

The Employee Education Course Sched-ule contains a schedule of these work-shops, which are funded by Central Qual-ity Group. For more information about their content, call Milt Boyd, Workshop Coordi-nator, methods and Tools Group, at DTN 381-2137.

To register for the Software Quality Workshop or the Software Testing Work-shop, contact the Educational Services Registrar at DTN 249-4670.

## Seminars from DME

**Project Management** is a practical work-shop focusing on techniques for managing the cycle of a project in a timely, cost ef-fective manner. Tools such as goal setting, project controls, status reports, cost esti-mating, and problem solving are explored. To address the importance of group dy-namics play in managing a project, half of this workshop is experiential. The remain-ing Greater Maynard Area offerings of this workshop are: March 23-24, April 27-28, and June 22-23. For more information, call the course registrar at DTN 249-1882.

**Key Financial Concepts** is a two-day seminar designed to provide participants with a financial overview of the corporation and to demonstrate how financial concepts enable managers to plan and control busi-ness activities. The cost center, revenue center, profit center, and investment center are addressed as they relate to Digital.

This course will be offered in the May-nard area on March 30-31; April 4 and 11;

May 24 and 31; June 7 and 14. For more details, contact the course registrar on DTN 249-1882.

Other upcoming DME courses:

Communication Skills for Solving Busi-ness Problems, April 11-13, Bedford, April 27-29, Bedford.

English as a Second Language, April 4, Marlboro.

Presentation Skills for Impact, April 20-21, Bedford.

Time Management: Working Smarter, April 1, Bedford

Managing Across Cultures, April 13-15, Maynard.

Managing Performance, April 20-22, Bedford.

Management Development I, March 21-25, Lenox.

Skills Assessment, April 5, 12, 19, 26, Bedford.

Call DTN 249-1882 for further informa-tion.

## Satisfaction guaranteed with ALL-IN-1

A money-back guarantee covering all VAX-based ALL-IN-1 office automation computer systems has been announced by the Office & Information Systems Group.

The "Satisfaction Guaranteed" program allows the return of an ALL-IN-1 system within 120 days after delivery for a full refund of the hardware purchase price and software license fees.

Henry Ancona, group manager, Office & Information Systems Group, said that the reason for offering a money-back guarantee "can be expressed in one word: confidence. We have thorough confidence in the quality and reliability of VAX products, in the functionality of ALL-IN-1 office systems, and in the support of our Software and Field Service organizations.

"We also have a strong commitment to the office market. We are committed to delivering high-quality products and services for office applications, and to have our customers succeed with the products and services. It seems to us that this guarantee, like Digital's previously announced UpTime Guarantee, is the most appropriate way of demonstrating that commitment to our customers," Henry said.

Qualification for the "Satisfaction Guaranteed" program is based on mutual acceptance by Digital and the customer of a Customer Support Plan developed through a feasibility study.

The plan specifies required hardware and software, schedules for training and installation, Software consulting support and Field Service coverage.

## New word processing book available from Digital Press

In *Word Processing: Procedures for Today's Office*, Mary Jane Forbes, secretary to Engineering vice president, Gordon Bell, shows how to streamline your office, increase productivity and move on to more creative tasks by using the word processor. The book is lively, easy to read, and full of illustrations and worksheets that guide readers through terms and procedures.

This book applies current word processing technology to routine office tasks and procedures, such as file management, calendars, office logs, and tickler files.

*Word Processing* is divided into four parts: "Playing by the Rules," "Using the Inherent Power of Your Machine," "Office Administration," and "Communications—by People."

The order number for *Word Processing: Procedures for Today's Office* is EY-0019-DP. The internal transfer price for employ-

## Technical publications win awards

Four publications produced by the Publishing Services department of Educational Services in Bedford recently won awards in the 1982-1983 Technical Publications Competition of the Society for Technical Communications. *The Manager's Introduction to Data Communications* received an Award of Distinction and has been entered in the International Technical Publications Competition. *The Theory and Practice of Reliable System Design* and *Product Line Marketing News* each won an Award of Merit. Also winning an Award of Distinction was the *VT180 User's Guide*, an entry by Software Documentation which was produced by Publishing Services.

Entered in the Training Manual category by Publishing Services, *The Manager's Introduction to Data Communications* was written by and produced for the Instructional Media Systems group. It is one of a series of manuals aimed at the professional business manager with little or no background in data processing or computers.

*The Theory and Practice of Reliable System Design*, by Daniel P. Siewiorek and Robert S. Swartz, was produced by Publishing Services for Digital Press and was

an entry in the book category. Targeted to practicing professionals, graduate students, and advanced undergraduates, this comprehensive book provides an introduction and in-depth examination of concepts, techniques, and issues in reliable computer hardware designs.

Publishing Services' third award-winner, *Product Line Marketing News*, is a newsletter produced for the Educational Services Marketing group.

Produced for the Marlboro Software Documentation group in record time, the *VT180 User's Guide* was Publishing Services' first publication produced with generic typeset coding.

The central production organization for Educational Services, Publishing Services typesets automatically from a variety of electronic media with DECset, WPS, DSR, and generic coding, and an APS-5 phototypesetter. Its electronic publishing capabilities are used widely throughout the corporation.

The Society for Technical Communications is the world's largest non-profit educational organization for technical communicators.

## Office Automation Courses available

Registration is open for Office Automation/Educational Services workshops for March and April. 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. **Note: All courses are held at PKO unless otherwise noted.**

\* Denotes a new course

**Advanced DECword** 13-14 Apr.

**Advanced Word Processing** 17, 23, 30 Mar; 19, 27 Apr. (PKO); 17 Mar; 13, 26 Apr. (MRO)

**Basic DECword** 16-18 Mar; 4-6 Apr.

**Basic DECword for Managers & Supervisors** 29 Mar; 7 Apr.

**Basic Word Processing** 21-23, 28 Mar-1 Apr, 11-15, 12-14, 25-29 APR (PKO); 21-23, 30 Mar-1 Apr, 6-8, 27-29 Apr. (MRO)

**Basic WP for Managers/Supervisors** 4, 6, 20, 28 Apr. (PKO); 11, 15, 25 Apr. (MRO)

**\*DECword List Processing** 15 Apr.

**DECword for WPS-8 Users** 21 Mar; 25 Apr.

**EDT** 22, 28 Mar; 8, 11, 28 Apr.

**EMS I** (half day) 16, 17, 29 Mar; 5, 7, 8, 15 Apr.

**EMS II** (half day) 11, 15, 19 Apr.

**\*EMS I for Managers/Supervisors** (half day) 7 Apr.

**\*EMS II for Managers/Supervisors** (half day) 13 Apr.

**Intro to Computer Concepts** (18 (MRO), 31 (PKO) Mar; 8 (PKO), 13 (MRO), 26 (MRO), 28 (PKO) Apr.

**Keyboard Techniques** (2 hours daily) 25-29 Apr.

**RCS** (half day) 6, 27 Apr.

**\*Using Communications** (half day) 18, 28 Mar; 19 Apr.

**\*Using List Processing** 16, 18, 22, 29 Mar; 12 Apr. (PKO); 4, 20 Apr. (MRO).

**\*Using Math** 5, 26, 29 Apr.

**\*Using Sort** (half day) 4, 11 Apr.

**\*Using User-Defined Keys** (half day) 21, 31 Mar. (PKO); 16 Mar, 5 Apr. (MRO)

**WPS to EMS** (half day) 17 Mar; 6, 20, 29 Apr.

**WS200 System Manager** 15, 28, 29 Mar, 12, 14, 19 Apr. (MRO); 5, 7, 25 Apr. (PKO)

To register, please fill out a DME/OA Internal Enrollment Request, available through your local stationery store or personnel office, and send it to the OA Registrar, PKO3-1/B11.

ees is \$17; the list price is \$22. Digital Press titles may be ordered through your cost center by sending a TWX (RCS code BKLG) or memo to Digital Press Order Processing (BKO). The TWX should include: name, badge number, cost center, location and cost center manager's name.



## APPLIANCES

WASHER & DRYER, Speed Queen, stainless steel drums, gd cond, \$150 for both, Steve, 225-6197

REFRIGERATOR, 14 cu ft, Westinghouse, frost free, ice maker, gold, \$400, Taryn, 241-4997

PORTABLE DISHWASHER, Sears, old, works well, Marlboro area, \$100, Anne, 285-6172

WAFFLE IRON, Toastmaster, non-stick grids, reverse to grill, new, \$20, Alex, 223-4203

BLENDER, Hamilton Beach, 40 oz, glass, 14 spds, extras, never used, \$35, Adele, 289-1107

WINDMILL, 2.5kw Dunlite, 40' free standing tower, DC regulator, \$2500, Ronald, 276-9771

## CARS

'79 PONTIAC GRAND PRIX, V8, AM/FM stereo, PS, PB, AC, low mi, \$5195, Sherion, 225-6577

'78 TRANS AM, 4 spd, 43K mi, new clutch, radials, Pioneer stereo, \$6200, Paula, 221-5500

'80 CHEVY MONZA, 2 dr, AM/FM radio, std, new tires, exc. cond, B/O, Diane, 288-4214

'80 CHEVY CITATION, 25K mi, V6, 4 spd, 2 dr, AM/FM cassette, \$3800 or B/O, Kevin, 234-5090

'81 BUICK REGAL LTD, 20,000 mi, one owner, extras, color Jadestone, \$8000, Anna, 223-5344

'81 TOYOTA TERCEL, 4 spd, 2 dr, AM/FM, 50K mi, pex cond, \$4500, Kathy, 226-7121

'77 HONDA CIVIC CVCC, 4 spd, 2 dr, hatchback, vry gd cond, \$1750 or B/O, Dan, 225-6197

'82 CAMARO BERLINETTA, V6, 4 spd, T-roof, more options, \$9500, Jeanne, 292-2023

'77 HONDA CIVIC, 4 spd, 69K mi, new Midas muffler, exc cond, \$1800, Mary, 223-6107

'81 CHEVETTE, 4 dr, 4 spd std, AM/FM radio, mag wheels, 29K mi, B/O, Mary Pat, 274-6844

'80 VW RABBIT, 4 dr, 4 spd, 49K mi, AM/FM, gd cond, \$4900, Nancy, 226-7198

'79 SUBARU, 4 dr, d1 5 spd, AM/FM stereo cass, new brks, clutch, \$3000, Angie, 257-1141

'73 INTERNATIONAL, 3/4 tn, 4 whl drv pickup, V8, 4 spd, 7 1/2' plow, \$1200, Jean, 234-5098

'77 HONDA ACCORD, auto, 4 new tires, exc cond, \$3200 or B/O, Darlene, 225-5349

MUSTANG PACE CAR, fuzz buster, new tires, low mileage, extras, \$5400, Doug, 241-2604

'72 FORD 3/4 TON TRUCK, F250, 84K mi, work truck, stereo cass plyr, \$475, David, 264-3323

'78 MERCURY ZEPHYR, 4 dr auto, AM/FM, AC, 6 cyl, \$2695, Frank, 229-6004

'80 DATSUN 310GX, frt whl drv, 5spd, AC, AM/FM cass, sunroof, 57Kmi, \$4900, Robin, 226-7187

'80 MAZDA RX7, 5 spd, cass stereo, alum whls, gold, low mi, ex cond, \$7700, Audrey, 223-3971

'73 BMW 2002, sunroof, AM/FM, orig ownr, sup cond, \$3200, Steve, 223-9651

'77 TOYOTA COROLLA, 4 dr, 4 spd, AM/FM, 88Kmi, new exhaust, \$1950 or B/O, Thomas, 273-3597

'77 LINCOLN MARK V, auto, AC, PS, PB, CB, grey, loaded, low mi, \$6500, Bill, 251-1436

'78 FORD PINTO, 6 cyl, PS, blue, well-maint, gd cond, \$1200 or B/O, Angela, 236-2327

'81 CELICA, 5 spd, AM/FM, radials, tilt wheel, low mi, \$6495 or B/O, Terry, 278-4716

'72 TOYOTA CORONA WGN, brown, std, gd basic trans, \$500 or B/O, Gretchen, 249-4057

## FURNITURE

WALL UNIT, scandinavian design, teak, 6'x35"x15" brand new, \$200, Cecily, 241-4360

LIVING ROOM SET, leather look & walnut, sofa, 2 chairs, \$300, Stephen, 251-1612

BOX SPRING & MATTRESS, queen size, 5 years old, exc cond, \$75 or B/O, Mike, 223-7572

BACHELOR'S CHEST, glass finish, matching hdbd fits full/qn frame, \$150, Mona, 278-4456

BOX SPRING & MATTRESS, twin size, \$65 or B/O, Robert, 276-9072

WATER MATTRESS & FOUNDATION, queen size, quilted, frame, heater, Charles, 223-6064

STARTER FURNITURE, lv seat, chair, end table, denim cush, wd frame, \$100, Jane, 223-3755

HIGH CHAIR, wooden, exc cond, \$15, Barbara, 223-4445

OAK CHINA CABINET, dbl doors, 3 shelves, 5' tall, low legs, gd cond, \$200, Eugene, 223-5244

## MISCELLANEOUS

HUB CAPS, 4 '65 Chev SS hub caps, good cond, B/O, Gerald, 247-2494

RADIAL TIRES, 2, Michelin 165/15, X2X, 6500 mi, \$50, Vic, 273-3199

RCA TELEVISION, 25" console, Spanish style, mahogany, \$250, Arlene, 231-5320

STEREO, Panasonic recv, 8 trk player, BSR turntable, 4 spkrs, \$250, Mike, 289-1545

FIREPLACE, free standing, wood burning, black steel, dmpr, screen, grate, B/O, Mike, 231-5130

AIRLINE TICKET, Boston to Denver, 1 way, B/O, Jim, 292-2230

PIANO, baby grand, mahogany, exc cond, \$2900 or B/O, Ann, 223-8360

PRINTING TERMINAL, 300 baud DECwriter II, never used, \$400, modem, \$75, Richard, 231-6672

CHROME SPOKE WHEELS, 4, 15"x7", hubs & lug nuts, gd cond, \$100, Arnold, 231-4004

MAN'S RING, sz 9, yellow 10K gold, black onyx w/diamond chip, letter S, \$125, Barb, 223-1889

DIAMOND ENGAGEMENT RING, 32 pts, brilliant cut, wht gold setting, \$775, Kent, 231-4504

## MOTORCYCLES

'81 HONDA, CM400E, 2000 mi, black, mint cond, \$1000, Liz, 223-3367

'82 KAWASAKI, 650 CSR, 4 cyl, like new, barely broken in, \$1950 or B/O, Dave, 225-4990

'81 SUZUKI, GS650E, red, low mi, very gd cond, \$1800, Nate, 282-2167

'80 SUZUKI, GS550, 4.5 mi, sissy bar, crash bar, extras, \$1995, Joluit, 276-9743

'78 HARLEY DAVIDSON, mint cond, 5K mi, need to sell, \$3000, Denise, 276-9432

'77 YAMAHA, XS750-2D, 750cc shaft drv, 6Kmi, exc cond, \$1400, Joe, 231-6088

'73 KAWASAKI, K2 125, on/off bike, 1700 mi, runs great, \$400, Helen, 276-9458

## PETS

BABY BUNNIES, free, available immediately, Carol, 234-4953

CAT, female, 8 mo, gray/white, spayed, loveable, free to gd home, Nanci, 223-8323

DOG, 4 mo old male, Samoyed Husky w/papers, all shots, \$150, Terri, 223-3315

## REAL ESTATE

CONDO, lg, 2 bdrm, Marlboro, w/w carpet, fully appliances kit, \$49.9K, Cheryl, 223-7577

3 BR RANCH, fam rm & play rm in bsmt, lg private fenced yard, \$72.5K, Robert, 276-9072

AYER, MA, house lot, nice residential area, \$9.5K, Kathy, 273-3319

ACTON, 2 br, 1.5 bath, hwd flrs, garage, \$79.9K, Jeff, 223-8697

CONDO, Acton, 3 br, 1 1/2 bath, tennis, pool, Woodvale, \$78.9K, Sy, 223-8568

CORNER LOT, Southern NH, 1 acre, drilled well, \$14K, John, 225-5231

LOT, Port St. Lucie, Florida, all util avail, \$7K or B/O, Donna Lane, 223-9277

CONDO, Hampton Beach, one block frm beach, seas prop, \$35.9K, Doug, 269-2101

## RENTALS

CARIBBEAN VILLA, U.S. Virgin Isles, pool, car, maid, Barbara, 273-3314

SUMMER COTTAGE, Popponesset, 3 br, close to ocean, June-Aug, \$450/wk, Marilyn, 223-3559

SUMMER HOUSE, Wellfleet, slps 5, Aug 13-27, \$375/wk, Aug 27-Sep 3, \$375/wk, Liz, 223-8346

FALMOUTH, MA, slps 6, 100' to saltwater, \$275/off season, \$375/in season, Paul, 279-5328

MARTHA'S VINEYARD, Oak Bluffs, 3 br Cape, waterbed, July & Aug, \$80/day, Dan, 225-4279

WHITE MTN WEEKEND for 2, Campton, inc dinner & brkfst, near Loon, \$60, Mary Jane, 258-4203

## ROOMMATES

ROOMMATE, Marlboro, share lg waterfront home with others, \$250+, Brenda, 278-4392

ROOMMATE, female, share 2 bdrm apt Acton, no pets/kids, \$245 + 1/2 elec, Colleen, 226-7130

HOUSEMATE, Marlboro, small pet considered, \$60/wk + 1/2 util, Rocco, 231-4489

## SPORTING GOODS

GOLF CLUBS, women's, Wilson Beth Daniel, new, 3 wds, 8 irons, \$160, Joe, 261-3243

SKI BOOTS, men's Nordica Cyclone, 9 1/2, were \$220, asking \$100 or B/O, Peter, 247-2282

10 SPD BIKE, 24" girls, Free Spirit, Sears, \$45, Ted, 223-7936

GOLF CLUBS, PGA Concept irons, 3-PW, reg shaft, exc cond, \$200, Glenn, 223-6549

BICYCLES, BMX, Mongoose frame, \$140, Schwinn LeTour, wmn's, full size, \$150, Joe, 276-9753

BICYCLES, Fleetwing, men's, 3-spd, 26", \$75, women's, 3-spd, 26", \$60, Mary, 276-9903

ROLLER SKATES, Facer boots & whls, boots new, whls lk new, \$75, Diane, 223-1257

## WANTED

ROBIN COMPUTER, VT18X, recently offered thru Emp Purchase Prog, Mike, 231-4838

BASEMENT APT to rent, male, start 6/1, near Waltham/Burl/Lowell area, Linda, 247-2602

HOUSE to rent, 3-4br, Bolton, Stow, Lancaster, need by 5/83, Mary, 225-4612

APT, 2 br, clean, Maynard, by 5/1, David, 223-9046

HOUSE OR APT, 2 br, by 5/1, Arlington, Belmont, Waltham area, Steve, 236-2751

EXERCISE BIKE, gd cond, reas price, Bob, 223-2

TREADLE SEWING MACH, prefer Singer, will consider others, Bruce, 223-3788

TENT-TRAILER, gd cond, \$500-\$1000, Diane, 234-4876

APT, 1 br, by couple, Burlington/Billerica area, reas rent, Martha, 223-8271





## NEWS BRIEFS

### Deadlines for "Digital This Week"

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

March 28 issue - March 17 deadline

April 11 issue - March 31 deadline

April 25 issue - April 14 deadline

May 15 issue - May 5 deadline

### Computer Club answers VT180 questions

The Computer Club invites employees to submit questions about the VT180 to Benjamin White, VR03-3/C8. Benjamin will answer them in a "Round Robin" forum at the next Computer Club meeting on April 6 from 6:00 to 7:30 p.m. in the Mill Cafeteria Conference Room (ML05-4).

A business meeting will follow for employees interested in planning future activities. For more information contact Alex Aderer, DTN 223-4203.

### Loss and Recovery handles freight damages

With the billions of dollars of freight Digital moves each year, some damages occur. Losses can occur on vendor freight inbound, interplant freight, customer ships and damages to freight stored in warehouses. The Loss and Recovery department, located in Hudson, handles claims on every type of freight damage that Digital suffers.

Damages may vary from wet cartons to lost freight. All cargo damages should be reported to the Loss and Recovery department. Remedies are in place to relieve the cost center of their financial burden due to a loss and save the corporation money. For more information call DTN 225-4284.

### DEC BIGBAND swings again

The DEC BIGBAND will perform on March 26 at the Sheraton-Boxboro to benefit the American Cancer Society. Tickets are \$10 per person and can be purchased by calling Maureen O'Keefe on 897-9621 or by calling the American Cancer Society office in Marlboro on 481-1622. The band will play from 8:00 p.m. to midnight. Tickets include a complimentary drink and snacks. For more information about the band contact John Kaufmann, DTN 273-3444 or Frank McGowan, DTN 223-4029.

### 1983 Digital Press Catalog available

A new catalog from Digital Press is now available. Subjects include issues in computer technology, computing for management and business, computer applications in education, and historical developments in computer science. Some of the highlighted books in the catalog are *Your First Business Computer*, *Office Automation: A Survey of Tools and Technology* and *Technical Aspects of Data Communication*.

For a free copy of the catalog, contact Peter Kraus, DTN 249-4444, or write Digital Press, BUO/E44.

### Committee provides microform advice

A micrographics steering committee has been formed to help groups interested in using microform for information needs. Microform can reduce labor time needed to maintain records, reduce storage space and increase retrieval accuracy.

The steering committee is comprised of purchasing people, technical people and users who can provide consultation on microform production, purchasing and the practical uses of microfilm or microfiche.

For more information contact Bob Marshall, DTN 223-3815 or Mary Fitzpatrick, DTN 249-4192.

### Bike Club holds meeting

The Digital Bicycle Club will hold its next meeting on Tues., April 5 at 7:00 p.m. They will demonstrate what to look for in buying a bike and what to pay. Refreshment will be served. The location of the meeting has not yet been determined. For this information, or if you want to bring a non-Digital employee, call Kathy Norton on DTN 234-4541.

### Community center looks to Digital for volunteers

CODE Hotline and Multi-Service Center is currently recruiting for night crew volunteers to work one shift a week from 7:00 to 11:00 p.m.

Initially, volunteers attend a six-week training program to learn the techniques and skills necessary to handle situations that come up on the Hotline and at the drop-in center. After these training sessions, volunteers work their shift and attend Sunday night meetings for further training.

Volunteers are from a variety of ages and backgrounds; many are Digital employees. To find out more about CODE Hotline call (617) 263-8777 or 486-3130 and set up an interview.

### IN-DEC LOG newsletter geared for internal customers

The first issue of the *IN-DEC LOG* was distributed in January replacing the Internal Software Services Group's (ISSG) newsletter called the *Bit Bucket*.

The *IN-DEC LOG* is published by the *IN-DEC* District, a new Customer Services District comprised of Internal Software Services (ISWS) and In-House Field Service (IHFS). The *IN-DEC* District reports into the Northeast Region within the U.S. Area Customer Service organization.

Each month the publication will contain articles announcing new software releases and products, problem solutions and other articles of interest to customers and members of the *IN-DEC* District.

Anyone who would like to be added to the distribution list for this publication, please contact Claire LeGault, editor, DTN 223-4096, PKO1/C43, RCS code: ISWS.

## Learn about Babson College's Middle Managers Development Program

Information meetings for the Babson College Middle Management Program will be held on March 30 in Marlboro (MRO1), in the DEC-10 Conference Room and on April 4 at Parker Street (PKO3), in the Anteroom. Both meetings will begin at 9:00 a.m. and last about an hour. The sessions will consist of a short presentation by Steve Allen, Babson College professor of management, followed by a question and answer period. The sessions are specifically for upper middle managers interested in the program.

The Babson College program is designed for managers of managers to refine skills and improve job performance; to provide

a cross functional perspective; and to develop a critical awareness of the usefulness and limitations of contemporary management practices. It was developed exclusively for consortium member companies, including Digital, Eli Lilly, North American Philips, Norton, Perkin Elmer and AMF. The program is offered once a year and enrollment is limited.

The five-week course is scheduled in two modules. The first three weeks run June 5 to June 25. The second module of two weeks will be held August 7 to August 20. For more information contact Len Glick, DTN 251-1381.



## Spring Bits and Bites Gallery Talks begin at Computer Museum

Digital employees are invited to attend the Spring Bits and Bites series at the Computer Museum. The series is designed to preserve bits of history that might otherwise be lost and to highlight some of the "lighter" aspects of the world of computing. The talks take place on Sundays, in MRO2 at 3 p.m., and are free to the public. The first three programs will include:

### March 20

**Oliver Selfridge - Ruminations on the beginnings of artificial intelligence and what ought to lie ahead**

As a young assistant to Norbet Weiner, and as one of only ten participants in the first conference on Artificial Intelligence at Dartmouth, Oliver Selfridge has been involved in the development of AI from the beginning. It is from this perspective that Selfridge asks the questions, what were the early developers dreaming of in the 50's and are we dreaming the same things today?

### March 27

**Steve Russell, Shag Graetz, and Alan Kotok - Spacewar! The first video game**

Steve Russell, Shag Graetz, and Alan Kotok were graduate students at MIT when the new PDP-1, the first small-scale, interactive computer arrived. What started out as a demonstration of its resources turned into the development of a computer-based video game - Spacewar! Steve, Shag and Alan tell how their shared passion for sci-fi movies, games and computers drove them to invent the first video-game that is the grandfather of contemporary games.

### April 10

**Ramon Alonso and Albert Hopkins - Designing AGC: The Apollo Guidance Computer**

When NASA wanted MIT's Draper Lab to design, construct, and deploy a computer for the Apollo mission, mini-computers were a thing of the future. What was developed was the AGC, a user-friendly computer measuring one cubic foot, that flawlessly guided the Apollo mission to the moon. Ramon Alonso and Albert Hopkins, two of its key architects, discuss how size, weight, and layout of the space capsule affected the AGC's design.

For further information on the Bits and Bites Series, contact the Museum at DTN 231-4036.

## Europe thanks Video Engineering for compliance efforts



*Jim Wade, European Engineering manager (left, center) presents Jerry Bourque (right, center) with a Certificate of Recognition for the VT101 team's effort in meeting European requirement. The VT101 team includes (left to right): Frank Feigin, Dave Keifer, John Sistare, Paul Lorusso, Dave Hughes, George Wright, Dick Scott, Dave Reed, Don Haney, Chris Harrington, Ed Bruckert, Bob Morawiak. Missing are Joe Bouchard, Craig James and Al Johns.*

Digital's European management recently presented a team of Maynard engineers with a Certificate of Recognition for their efforts in meeting key European regulatory standards in the design of the VT101 family. Jim Wade, European Engineering manager, presented the certificate to Jerry Bourque, Senior Engineering manager, Video Engineering, who headed up the development of the VT101/102/131 family of video terminals.

Jim explained that, although Digital's products comply with U.S. regulations, some foreign countries have different standards. This means that once products are shipped to Europe, modifications often have to be made for local sales.

"European Engineering has worked

with our U.S. colleagues to understand the technicalities of the European requirements as well as the local business impact of not complying," Jim said. "Now with the VT101 family of terminals, all regulatory standards--for safety, interference levels, phone interfacing and local language support--have been designed into the product."

He called the achievement of the VT101 family developers "an exemplary example of international teamwork in the very best Digital tradition." Although the VT101 family is the first to totally comply with all European requirements without local adaptation, plans are to continue with other products.

## Technical seminar

### Marlboro Technical Seminar Series March/April 1983

March 17  
DEC 10-20 Room MRO1  
3:00-4:30 p.m.

PRIMELINK: A Guest Distributed System  
Ilga Gertner - Digital  
Software Engineering - MRO3

March 23  
DEC 10-20 Room MRO1  
3:00-4:30 p.m.

Size, Power and Speed  
Maurice Wilkes - Digital  
Hudson

March 31  
DEC 10-20 Room MRO1  
3:00-4:30 p.m.

The Digital Telephone Network  
Alan Kotok - Digital  
Large Vax Adv Development - MRO1

April 28  
DEC 10-20 Room MRO1  
3:00-4:30 p.m.

Quality/Challenge for Systems and Communications  
Bill (B.J.) Johnson - Digital  
vice president, Systems and Communication Engineering

For updated information contact Susannah Nathan at DTN 231-6301 or Gereda Pruitt at DTN 231-6769.