

digital

MAYNARD

# DIGITAL THIS WEEK



Volume 9 Number 14

August 2, 1982

## Digital celebrates first 25 years

Digital Equipment Corporation will be one quarter of a century old this August 23, the anniversary of its incorporation.

"The mutual pride and loyalty that crosses all lines of management, functions, departments and lengths of tenure give each employee a special interest in the past and future of this growing company, says Ken Olsen, president.

"We have chosen to observe our anniversary with our employees, wishing to share this part of history with the people who made it happen."

The annual family outings held in the fall will be planned around the 25th anniversary theme. For facilities where there are no regular outings scheduled, celebrations with cake and punch will be arranged by personnel and host site managers.

A key chain memento will be given to all employees. The key chain, embossed with the anniversary logo, and a special card from Ken Olsen will be sent worldwide this fall.

Other plans to commemorate the anniversary are in the works and will be reported as dates are set. The summer and



fall issues of DECWORLD and site newsletters will feature articles on Digital, past, present and future.

## A message to LCG's product group manager



How do you let your Product group manager know that you made budget for FY82? Rose Ann Giordano, LCG product group manager, is at Stanford University for a ten week executive training program. During this time, the fiscal year ended and the product group wanted Rose Ann to know they were thinking of her. The photo was blown up to poster size to decorate Rose Ann's wall in her dorm.

## Co-sponsored Open House

### The opportunity is there in Small Systems Engineering

Hardware, software and firmware engineers at Digital are invited to an internal open house sponsored by the Terminals and Workstations Engineering and the Rainbow Product Development Groups.

On August 5 in the Mill Cafeteria Conference Room, ML05-4, from 3 to 7 p.m., current employees with experience in the following disciplines:

- \* operating systems
- \* communications
- \* graphics
- \* software tools
- \* video
- \* software quality engineering
- \* hardware product assurance
- \* terminals hardware design
- \* diagnostics
- \* terminals product management

are invited to meet personally with the managers of Terminals and Workstations from the Mill and Rainbow Development from Marlboro. Bring an updated resume with you.

If you are unable to attend, please forward your resume to any of the following people:

John DiPietro, ML03-4/E95;  
Bob Hanlon, ML012B/T78; or  
Dick Russell, UP01-1.

## Small Business System Group underwrites business newscast

In the June 28 issue of "Digital This Week," it was incorrectly reported that Digital was the sole sponsor of the television newscast, "The Nightly Business Report," through its Corporate Contributions Program.

The program is actually being funded by Digital's Small Business Systems product group. The series which gives the first break on financial news and stock market report for the day can be seen on Channel 11 as well as Cable TV's Channel 36.

## Large Systems Engineering builds FCC test lab in Marlboro

Continuing advances in sophisticated electronic and communication systems have created the need to measure and control electro-magnetic interference.

Electromagnetic interference (EMI) is any undesirable electrical signal or electro-magnetic field that interferes with the performance of another signal. (An example is the static on your radio when your neighbor is running a vacuum.) The Federal Communications Commission's (FCC) main concern is interference to commercial broadcasting and communication, radio, television, air and mobile channels, from computer systems.

The FCC, who control the airwaves, have set specified limits for the levels of emissions from computers that the manufacturers must meet before they can market their products in the U.S. Similar regulations are being enforced in Germany, Switzerland, Canada, Holland and Australia.

### At Digital

Last fall, construction began on an anechoic chamber for Large Systems Engineering in Marlboro. The anechoic (meaning neither having or producing echoes) lab will provide a completely controlled and calibrated electromagnetic test environment.

Large Systems Engineering will do basic and advanced electromagnetic compatibility studies and FCC testing of conducted (through power lines) and emanated (through space) emissions.

The chamber is a complete, ground-reflection-shielded test site. Anechoic treatment of the walls and ceiling, using a high quality foam material in solid pyramid form (see photo), dampens the levels of surface reflected energy in the test chamber. Absorbing materials have been carefully mitered into room corners, around overhead light units and the access door to maintain chamber integrity. The chamber will be free from ambient noise.

The independently shielded control room houses the television monitor, remote controls for the equipment turntable, air conditioning and fire protection. A dedicated DECSYSTEM 2060 will provide test data processing and enhancement. The chamber will be operated by the Technology Group under Jim McElroy.

Project SCAM (Large Scale Computers

Radiation Measurements in an Anechoic Chamber Environment) is the team effort of Tom Gorman, facilities planner; Mohammed Bari, project engineer; Carm Corrente, building designer; Harry Hatch, site supervisor; Gail Kennedy, finance; Mary Raczowski, purchasing; and Judy Christensen, team secretary.



(Front row, left to right) Harry Hatch, Mohammad Bari, (back row, left to right) Tom O'Gorman, Carm Corrente, Mary Raczowski, Gail Kennedy, Judy Christensen and Dave Stone pose in the just completed anechoic chamber in Marlboro

## Seminar and tour of Anechoic chamber planned

A technical seminar and tour of the anechoic chamber and control room is planned for August 12, 3-5 p.m., in the DEC-10/DEC-20 Conference Room, MR01, Ulf Fagerquist, vice president of the Large System Group, and Jim McElroy, manager of Power and Packaging, will preside.

Five experts in the field of electro-magnetic will speak:

Dr. R. Harrison, Syracuse University, - The Application of "Method of Moment" to electromagnetic compatibility.

Dr. Tapan L. Sarker, Rochester Institute of Technology, - EMC consideration of apertures in a computer cabinet.

Dr. Hans Steyskal, Polytechnic Institute NY, Performance analysis of RF Anechoic Test Chamber.

Chris Paulhrus, Paulhrus Consultants, - Use of the RF Anechoic Test Chamber.

Mohammed Bari, Digital EMC engineer, Overview of the LSG EMC program.

For more information, please contact Susannah Nathan, Technical Training Coordinator, DTN 231-6301.

### 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.

## Digital sponsors winning J.A. company

"No one is more qualified to teach young people about business than business itself." Junior Achievement.

Digital's sponsorship of the first Junior Achievement (J.A.) program for Marlboro was more than a success.

At the Annual Future Unlimited Night, one of the Digital sponsored companies and a Marlboro High sophomore were given outstanding achievement awards from the J.A. of Eastern Massachusetts.

J.B.C. was named the Top marketing Company of the year. Total company sales was over \$1,000. The company made and sold flashlights.

John Toohey, of Digital's second company, was named Vice president of Personnel and Corporate Secretary of the Year as well as Outstanding Businessman.

Junior Achievement (JA) is the nation's oldest youth economic education program. It teaches high school students the principles of the American business system by helping them run their own miniature businesses with the counselling of volunteer adults from local industry.

Lou Horner, who started the J.A. program in Springfield and Marlboro where he is group personal manager, said, "We want to encourage young people to consider industrial and business careers. And by exposing them to all aspects of business realities, they will make the right career choice."

A number of Digital employees volunteered their time to act as advisers for the two companies that were formed. Employ-



*Sponsored in a JA program at Digital, J.B.C.'s company sales topped \$1,000.*

ees involved in the program were Jim Arthur, Bill Conlon, Anna Marie Filippo, Cathy Donahue, Nancy Eagan, Sam Harbold, Dan Hlozik, Lamar Macon, Larry Ondovic, Martha Stone and Peter Wysocan.

Lisa Brunelle, of J.B.C. and John Toohey have been selected as delegates to the National J.A. Conference to be held next month at Indiana University.

## Gallery Talks showcase exhibits in restoration

The TX-O, one of the first transistorized computers, starred in the 1960 television show, "The Thinking Machine." For the show, the machine generated three Westerns for television.

The Computer Museum will host a screening of the program on August 4 at 4 p.m. The TX-O on display at the Museum is now being brought back up to running condition.

On August 11, Dick Rubinstein of Digital will talk about Lehmer sieves which mechanically carry out the powerful numerical analysis technique of number sieving. Professor D.H. Lehmer, who donated his 1932 and 1936 sieves to the Museum, will lecture here on Oct. 7. Dick is advising the Museum on the restoration of the sieves.

Gallery talks are held every Wednesday at 4 p.m. during the summer. They are free and open to the public.

## Irwin Jacobs resigns from Digital

Irwin Jacobs has resigned from the company to accept a position with Data Terminal Systems of Maynard, Mass.

Irwin joined Digital in 1965 as an applications engineer. He subsequently held a number of Field Sales management positions and became product line manager for Business products in 1973. He was named Business Products group manager in 1975, and became vice president of that group in 1976. He was named vice president of Commercial OEM (Original Equipment Manufacturers) in 1978.

## Corporate Contributions programs highlighted

The Corporate Contributions Committee sponsors several employee programs that are considered special benefits. "Digital This Week" will highlight a different program in each issue. In this edition, DTW focuses on scholarships.

**What scholarships are offered to Digital dependents?** National Merit scholarships are offered to Digital dependents who are graduating seniors entering a four year degree granting college.

Scholarships to attend the Massachusetts Advanced Studies Program (Massachusetts dependents only) and St. Paul's Advanced Studies Program (New Hampshire dependents only) are provided. These Advanced Studies Programs are offered to students between their Junior and Senior years in high school and attendees are selected through recommendations of the high school.

**How are National Merit finalists selected?** As a Junior the student takes a PSAT test; this is a qualifying test for National Merit. In the fall of the student's Sen-

ior year he/she will be notified by National Merit if the test score is high enough to permit qualifying as a finalist.

### **Are applications provided by Digital?**

No. Once a student has obtained the rank of finalist, National Merit will send an application directly to the high school. The student completes the application and returns it to National Merit. On this application it asks where the student's parents are employed; Digital is then notified of the number of dependents available for sponsor.

### **Are all dependents provided a scholarship?**

Digital's agreement with National Merit states that we will sponsor five dependents. Each year we have amended our agreement to sponsor all dependents. Since 1977 we have sponsored 43 students.

### **What is the amount of the scholarship?**

Scholarships are granted for four years and the amount of the stipend ranges from a minimum of \$250 to a maximum of \$2,000 per year. Amount of the sti-

pend is established by National Merit and is calculated on the financial statement of the family as well as the total tuition cost of the college to be attended.

### **What is the local scholarship program?**

This program is sponsored by plants and facilities as a community relations project. Scholarships are granted to high schools in towns or communities where at least 150 employees reside or where Digital's presence as a company is highly significant. One-time scholarships are provided in the amount of \$500 or \$1000. The recipient is chosen by the high school and he/she must attend a two or four year college. All seniors from the selected high schools are eligible to receive the scholarship. In 1982 over \$120,000 in scholarships were granted to qualifying high schools.

Information on these programs is available through your Personnel Department or by contacting Donna Spencer, PK03-2/K36, (DTN)223-5320.

## UMASS posts Graduate Programs for fall

The University of Massachusetts' Videotape Instructional Program fall 1982 semester will begin September 8. The cost per course is \$500 and a minimum of 5 students per course per location is required.

Individuals enrolled in graduate level courses may earn a Master's Degree in Electrical and Computer Engineering or Engineering Management. All requirements for the master's degree in electrical and computer engineering may be through courses offered by the Videotape Instructional Program. Students are offered concentrations in computers, communications and systems, and microwaves and microelectronics. This program is approved for Veteran's Benefits and the D.E.C. tuition reimbursement plan.

### FALL COURSE OFFERINGS:

Chemical	225	Fundamentals
	226	Thermodynamics
Civil	240	Statics
	241	Strength of Materials
Electrical and Computer	211	Systems Analysis I
	214	Active Networks I
	221	Introduction to Digital and Computer Systems
	560	Computer Graphics
	566	Signal Processing and Communications Systems
	571	Microelectronics
	584	Microwave Engineering I
	605	Transform Analysis for Engineering
	607	Fundamentals of Solid-State Engineering
	608	Signal Theory I
	648	Filter Design
	668	Computer Architecture I
	672	Design and Analysis of Computer Algorithms
	687	Antenna Theory and Design
	697C	Introduction to Computer-Aided Design/Computer-Aided Manufacturing
	734	Optimum Control Systems
	787A	Very Large Scale Integration
	787B	Microprocessor Interfacing
	787C	Advanced Graphics and Computer-Aided Design
	791	Distributed Processing
Industrial/ Operations Research	520	Probability and Statistics
	535	Industrial Logistics
	587	Industrial Psychology
	654	Engineering Economics I
Mechanical	335	Product Design I
Mathematics	131	Calculus I
	132	Calculus II

The deadline for registration is September 1, 1982. To register for courses or for more information on graduate programs in Electrical and Computer Engineering or Engineering Management, contact:

Office of Extended Engineering Education  
School of Engineering  
113 Engineering Building East

University of Massachusetts  
Amherst, MA 01003  
(413) 545-0063

## Symposium features ten area colleges

Corporate Employee Development is sponsoring a College Information Symposium on August 17 in the Corporate Auditorium, PKO3-1. Coordinated by the College Programs Office, the symposium will run from 9 to noon.

Representatives from ten area colleges will be on hand to talk about their programs and meet with employees. The following colleges will be present:

Babson College  
Bentley College

Boston University  
Clark University  
Lowell University  
Mt. Wachusett Community College  
Northeastern University  
Suffolk University  
University of Massachusetts  
Worcester Polytechnic Institute  
All employees are invited. For more information call the College Program's Office at DTN 223-2530.

## Digital Press releases book by programming team

Digital Press has released a new book detailing the practical experiences of the programming team that developed a PL/I General Purpose subset compiler for Digital's VAX machines. **Engineering A Compiler: VAX-11 Code Generation and Optimization** was written by Patricia Anklam, David Cutler, Roger Heinen, Jr., and M. Donald MacLaren.

With an emphasis on authentic engineering processes, this book offers a step-by-step description of the development of a production-quality compiler with a code generator capable of highly optimized object code for multiple source languages.

**Engineering a Compiler: VAX-11 Code Generation and Optimization** focuses primarily on the lesser known part of compiler design, the back end code generation phases. More than one half of the book is devoted to optimization--global optimization, tree reductions, register allocations and peep-hole optimization.

The programming team's solutions to common problems of compiler design provide useful information to anyone undertaking a similar venture with other equipment. Numerous examples and over 80 figures and tables are included.

The internal transfer price for the hardbound book, order number EY-00003-Dr, is \$18. Orders coming through a cost center must be in writing (TWX or memo) and should include the cost center manager's signature. Personal copies must be prepaid with a check or money order. All internal orders will be shipped to the buyer's mailstop.

Please send all orders to Digital Press Order Processing, BKO, RCS code: BKL.G.

## Clark University opens fall registration

Clark University's Graduate School of Management gives Digital employees a choice of attending classes at the Worcester campus or at Digital's Parker Street facility. On-site classes are held once a week, Monday through Thursday, from 6 to 9 p.m.

Fall semester classes begin September 7. Students enrolled in the M.B.A. program should receive registration materials by the end of July. If you are planning to apply to the program, applications are due by August 1 for the fall semester.

Members of the Clark's faculty and administration will be at the Parker Street cafeteria on Sept. 1, 3-5:30, to answer questions. Registration of enrolled students will also be conducted.



## Marketplace is now accepting ads for publication

### How Marketplace works...

Marketplace is a free service provided by "Digital This Week" for employees in Massachusetts facilities. To help keep Marketplace to one page an issue and to reduce the time between submission and publication, DTW needs your cooperation.

Please submit one ad at a time. Multiple or duplicate ads will have to be returned. More than one item can be listed in an ad, but must fit on two lines which is about 45 characters to a line. DTW reserves the right to edit for space.

Ads should be worded clearly, printed legibly or typewritten and be in good taste.

There are no deadlines for submitting ads. They are printed on a first-come first-served basis. So Marketplace is not always the best vehicle if you want to sell something fast. Ads cannot be taken over the phone.

When sending in an ad, please remember to include your full name, mailstop and DTN. If the item is sold before the ad appears, please call the DTW office at DTN 223-2261 and cancel the ad. Thanks.

### APPLIANCES

- REFRIGERATOR, older, in exc working cond, \$50, Ann, 249-4079
- MAYTAG PORTABLE WASHING MACHINE, apt size, exc cond, \$275, Evelyn, 223-5795
- DISHWASHER, Sears Kenmore, under the counter, avocado color, \$15, Daniel, 223-6918
- ELECTRIC RANGE, GE, 27" drop-in, self-cleaning oven, hood, fan, light, copper tone, \$125, Lila, 223-9262
- DISHWASHER, Kenmore, self-standing, pot scrubber, 6 mos old, \$250, Jerry, 225-5529
- AIR CONDITIONER, lrg Whirlpool, exc cond, little use, \$150, Greg, 276-9311
- ELECTRIC STOVE, Westinghouse, 4burner, perf working cond, \$100, B/O, Jim, 223-2312
- AS DRYER, Westinghouse, 2 cycle, 5 temp, white, gd cond, \$100, Agnes, 223-3819
- AIR CONDITIONER, Sears best, 5000 BTU, portable, \$200, B/O, Eirikur, 225-6457
- AUTOMATIC WASHER, 3 cycle, 5 temp, Kenmore, asking \$75, Greg, 223-6629
- STOVE, Caloric, white, self-cleaning, UltraRay oven, 5 yrs old, \$200, Nancy, 231-6832
- WASHER&DRYER, Sears Kenmore, brand new, used 3 mos, \$550, Carol, 269-2186
- GAS STOVE, Caloric, 40", \$100, Nunzio, 224-2244
- ELECTRIC RANGE, white, \$70; OIL TANK, 275 gal, \$50, Lynne, 247-2674
- DEHUMIDIFIER, Sears, 15 pint, \$90, John, 223-8420
- DISHWASHER, Kenmore, choice of 5 colors, built-in, never used, brand new, \$200, Mary, 233-2261

### CARS

- '79 TRIUMPH SPITFIRE, 22Kmi, AM/FM, lugg rack, rust-prf, white w/pinstripes, \$5200, Joyce, 246-2355
- '74 DATSUN 610, 4spd, 75Kmi, reliable, some rust, \$500, Susan, 223-8015
- '72 PLYMOUTH SATELLITE, auto, PS, PB, high miles but well maint, dependable, \$600, Gary, 247-2425
- '76 TRIUMPH SPITFIRE, 1500cc, 4spd, convertible, lugg rack, teak dash, maroon, \$2000, Sandy, 223-7577
- '69 PONTIAC GTO, 400 C.I.D., 400 auto trans, air, AM/FM, exc cond, \$2000 firm, Nancy, 223-8527
- '81 AMC EAGLE SX4, 6cyl, 4spd, AM/FM, tilt whl, 9Kmi, 4, electric hatch, \$6500, B/O, Jack, 221-5660
- '71 DODGE VAN, runs well but nds work, \$200, Debbie, 223-8876
- '75 FORD MAVERICK, 6cyl, auto, AM/FM cass, \$1100, negotiable, Nancy, 231-4733
- '77 CHEVY VAN, cust, V6, dk blue, PS, PB, new radials, oak floor, bar, refrig, stereo, \$5000, David, 234-4398

- '80 CHEVY CITATION, hatchback, V6, 2dr, 4spd, 20K Virginia miles, XII equip, \$5000, Craig, 221-5429
- '80 FORD TRUCK, F100, Explorer, 300cu, 6cyl, 4spd, AM/FM, 26Kmi, \$5600, B/O, Bob, 278-4369
- '78 PINTO HATCHBACK, 4spd, snows, tape deck, new brks, clutch, muffler, exc cond, Rob, 276-9920
- '70 VW BEETLE, runs, nds eng work, has 6 exc steel radial tires, \$300, B/O, Robert, 272-3642
- '79 SUBARU 4WD WGN, 50Kmi, new Jensen AM/FM cass, gd cond, Robert, 231-5443
- '72 MONTE CARLO, 8cyl, 350, PS, PB, AC, auto, AM/FM cass, L88 hood, exc cond, \$3000, B/O, Donna, 234-5110
- '81 CAMARO, 6cyl, AC, T-rf, spoiler, rear defog, sport rims, black, \$8000, Denise, 231-4253
- '80 DATSUN 200SX, 5spd, std, hatchback, sunrf, cass, 19Kmi, lt blue, exc cond, \$6400, Phyllis, 225-4931
- '77 DODGE MONACO BROUGHAM, 4dr, PS, AC, AM/FM, 40Kmi, \$3000, Diane, 223-6106
- '80 PONTIAC SUNBIRD, 4cyl, PS, PB, auto, defog, side mirrors, \$4000, George, 223-6256
- '79 CHEVETTE, 4dr, AM/FM, 60Kmi, 27mpg, runs exc, \$3650, Steve, 223-9820
- '75 PONTIAC GRAND PRIX, 2dr coupe, PS, PB, AC, AM/FM, auto, 76Kmi, gd cond, \$1600, Rich, 276-9479
- '75 CHEVROLET MALIBU, 4dr, PS, PB, auto, gd mech cond, some rust, \$1250, Frank, 223-3691
- '77 AMC PACER, 45Kmi, auto, AM/FM, tan, exc cond, \$2500, B/O, Cynthia, 231-5731
- '77 MONTE CARLO, 89Kmi, AM/FM, 8-track, white w/blue crushed velour int, \$2000, Marie, 234-4050
- '72 CHEVY CONCOURSE WGN, 307 V8, PS, PB, auto, AM/FM, 70Kmi, \$2000 or swap for PU truck, Fred, 225-4717
- '78 FORD FIESTA, 4spd, 2dr, rear defog, reliable, gd cond, \$2600, Frank, 231-6252
- '66 SAAB, 2 cycle, 27mpg, gd cond, \$500, David, 278-4405
- '70 CHEVY MALIBU, 307 V8, PS, 120+Kmi, 1 owner, some rust, gd cond, mtd snows, grn, \$750, Tom, 289-6193
- '71 VW BEETLE, rebld eng, new tires, batt, gd cond, \$850, Bob, 223-4084
- '74 DATSUN B210 SEDAN, 4spd, std, high miles, runs, nds some work, \$200, B/O, Gilbert, 223-4958
- '81 CAMARO Z28, auto, loaded w/all extras, \$8500, will talk, Jill, 223-5096
- '76 CHEVY VAN, 4dr, 6cyl, auto, PS, AC, AM/FM, new muff, tires, 87Kmi, some rust, \$1000, Warren, 273-3201
- '78 TRIUMPH SPITFIRE, stored in winter, 28Kmi, exc cond, Kevin, 278-4386
- '75 FORD MUSTANG II, AC, AM, 4spd, 20mpg, 91Kmi, runs well, some rust, \$1250, Jesse, 223-3207

- '73 PONTIAC VENTURA, hatchback, 6cyl, auto, dependable, some rot, \$800, B/O, Lori, 225-4276
- '79 AUDI FOX GTI, sunrf, AM/FM, 4spd, 49Kmi, \$4950, B/O, Ingrid, 223-3215
- '79 BMW 320i, 4spd, gold/black, all options, exc cond, asking \$10,200, Bob, 225-4960
- '75 GRAND PRIX, exc cond inside and out, \$2095, Gary, 258-4070
- '65 CORVAIR, classic, convertible, auto, \$1500, B/O, Jill, 223-5096
- '80 AMC CONCORD DL WGN, 26Kmi, auto, PS, AC, AM/FM, 2 snows, cruise ctrl, \$5000, B/O, Sandi, 225-4336
- '70 GMC 3/4 TON PICKUP, 350auto, 3tanks, AM/FM cass, hvy dty susp, clean Calif trek, \$2800, Bob, 247-2913
- '74 VW BUS, auto, 71Kmi, AM/FM cass, CB, new batt, full crptg, 5tires, exc cond, \$1800, Eric, 276-9410
- '79 JEEP CJ7, 6cyl, 3spd, std, PS, soft-top, Levi int, AM/FM, \$4500, B/O, Lisa, 234-4415
- '70 FORD MAVERICK, eng OK, nds new batt, \$150, Raj, 223-2396
- '79 MAZDA RX7, 5spd, AC, cassette, many extras, mint cond, \$8000, Barbara, 223-4368
- '80 PONTIAC PHOENIX, PS, auto, 4dr, frnt whl drive, radials, sharp in + out, \$5000, B/O, Sy, 223-8568
- '78 DATSUN PICKUP, 5spd, long bed, step & tow bumper, tripod mirrors, \$3450, Michael, 251-1433
- '76 VW BUG, 4spd, 2dr, AM/FM, radials, 79Kmi, vy gd cond, \$2800, Dan, 234-4712
- '68 VW KOMBI, runs well, great for hauling, \$500, Kathy, 223-1849
- '72 PLYMOUTH DUSTER, 6cyl, auto, runs gd, looks bad, \$250, B/O, Larry, 233-2120
- '66 BUICK LESABRE, runs gd, nds body work, \$300, B/O, Maureen, 223-8639
- '81 PLYMOUTH RELIANT K WAGON, 4spd manual, 21Kmi, AM/FM quadro sound, \$7500, Yolinda, 223-5432
- '73 AUDI, std, gd body, low miles, nds brake/trans work, \$400, B/O, Kathie, 249-4068
- '75 MATADOR, auto, AM, new snows, blue, gd cond, \$1000, B/O, Jeanne, 231-4357
- '76 TRIUMPH SPITFIRE, 50Kmi, new rf, windshield, exh sys, superb cond, \$2500, Maureen, 236-2396
- '77 CHEVROLET VEGA, 4cyl, 4spd, AC, stereo, 59Kmi, \$1895 firm, Michael, 284-3313
- '55 FORD CUSTOM LINE I6, new tires, muffler system, exc running cond, \$2200, B/O, John, 247-2914
- '80 VW RABBIT, diesel, 4dr, 45Kmi, beige, exc shape, \$6000, B/O, Judith, 269-2425
- '78 TOYOTA CELICA, coupe, auto, 54Kmi, new brakes, tires, AM/FM, metallic blue, \$4300, Dennis, 223-6406
- '76 CAPRI, V6, 4spd, sunrf, AM/FM cass, 2new tires, rear defog, recent tune-up, \$2400, Sheila, 225-6097
- '79 BUICK SKYHAWK SPORT COUPE, 4spd, PS, 231 V6, sport suspension, showrm cond, B/O, Paul, 274-6637
- '79 DATSUN 280ZX, 37Kmi, loaded, new snows, exc cond, Les, 225-4652 before 2
- '79 TOYOTA CELICA ST, 35Kmi, 4cyl, 5spd, AM/FM, rear defog, PB, cust whls, clock, \$5200, Steven, 241-4309
- '74 OPEL MANTA, std, 4spd, gd cond, \$1000, B/O, Bill, 223-8250
- '80 VW RABBIT, reg gas, 4spd, 2dr, AC, AM/FM, 40Kmi, rust prf, black w/beige int, \$4900, Lou, 225-5514
- '77 FORD WINDOW VAN, 25Kmi, std V8, capt's chairs, AM/FM, 8trk, carpet, paneled, \$4500, Dave, 223-2753

**CARS continued**

'80 TRANS AM, 19Kmi, PS, PB, red w/black int, full pkg, exc cond, \$8500 firm, Ruth, 223-5240

'79 CHEVY VAN, G-10, V8, AC, PS, PB, 42Kmi, exc cond, \$4500, Susan, 225-4510

'78 TOYOTA COROLLA LIFTBACK, exc mech cond, nds minor bdy work, 30mpg, \$2800, Arthur, 249-4922

'81 ACCORD, 4dr, AC, AM/FM, PS, Rusty Jones, 30Kmi, all extras, mint cond, \$7200, Diane, 231-4545

'73 CAPRI, V6, manual, AC, AM/FM cass, orig owner, well maint, \$995, B/O, John, 223-8902

'75 MERCURY MONARCH, 6cyl, auto, 66Kmi, PS, 2dr, AM/FM converter, black, \$1400, B/O, Lenore, 223-6975

'75 PORSCHE 914, white, gd mileage, gd cond, 2.0 engine, \$4500, Jack, 276-9796

'72 DODGE DART, 6cyl, PS, PB, AM/FM, 78Kmi, gd cond, \$850, B/O, Eric, 223-5923

'63 CHEVY SS CONVERTIBLE, restored classic, 283 auto, 20mpg, new roof, int, \$3450, Bill, 221-5228

'81 CHEVETTE, 4cyl, 4spd, 4dr, AM/FM, rustprf, 15Kmi, cloth int, 2tone blue, \$4895, B/O, Ken, 231-5074

'80 HAZDA RXT, loaded, AM/FM, sunrf, silver/grey, exc cond, \$8499, B/O, Dave, 223-6028

'74 CHEVY MALIBU WAGON, exc mech cond, some bdy wear, spring sticker, \$895, B/O, Jim, 251-1550

'75 FIREBIRD, 82Kmi, AM/FM, red w/black int, vy gd cond, \$1950, B/O, Alfred, 223-3896

'81 FORD ESCORT, 4cyl, 21Kmi, AM/FM cass, 4spd man, white, rustprf, \$4800, Dan, 234-4977

'79 FORD CUSTOM VAN, 4 capt's chairs, couch & table in rear, new, \$14K, asking \$8500, Sue, 225-5126

'75 VW SUPER BEETLE, 75Kmi, AM/FM cass, sunrf, no rust, new tires, green, \$2400, Carlos, 223-5328

'77 VEGA GT COUPE, 5spd, AC, DieHard, new radials, 8 coats new paint, 33mpg, \$3000, Myra, 276-9020

'79 PINTO, 23Kmi, blue, auto, exc cond, \$3995, Bill, 249-4225

'71 TRIUMPH GT6, restored bdy, new paint, runs well, 66Kmi, exc cond, \$2400, Christine, 234-5056

'80 FORD FIESTA, 36Kmi, 4spd, frnt whl drive, AM/FM, 30/39mpg, well maint, \$3650, Lynne, 283-7652

'78 TOYOTA CELICA GT COUPE, 5spd, AM/FM cass, 33Kmi, snows w/whls, red, \$4500, Andy, 278-4252

'80 PONTIAC SUNBIRD, 4cyl, PS, PB, auto, rear defog, side mirrors, \$4200, George, 223-6256

'79 CHEVETTE, exc cond, \$3550; '76 VW BUG, gd cond, \$2200, Joe, 251-1604

'73 DODGE DART, auto, 6cyl, 46Kmi, bdy exc, problem w/chassis, gd for parts, \$500, B/O, Bharat, 247-2939

'78 MONTE CARLO, 6cyl, auto, PS, PB, AM/FM cass, 45Kmi, black w/red int, \$4500 firm, Daniel, 224-2298

'78 FORD FAIRMONT SEDAN, 72Kmi, 4dr, 4cyl, light blue, \$3500, David, 481-2814

'68 VW BUG, bdy rough, engine nds work, \$250, B/O, Wayne, 225-4533

'76 DATSUN 2802 2+2, 68Kmi, red, std, luxury pkg, vy gd cond, \$4999, Jerry, 231-4125

'76 BUICK SKYLARK, 4dr, 6cyl, auto, PS, PB, AC, AM/FM cass, exc bdy, burgundy, \$1800, B/O, Michael, 283-6247

'77 PONTIAC GRAN PRIX SJ, auto, 47Kmi, AM/FM, AC, 7 tires & rims, PS, PB, PW, B/O, Scott, 276-9677

**FURNITURE**

KITCHENETTE, white & yellow, with 1 bench and 2 chairs, \$45, David, 241-4504

ROCKING CHAIR, solid maple, exc piece, perf cond, \$100, Tom, 223-6678

SEWING CABINET, maple, w/cutting table, \$75, Rose-Lee, 225-4041

BEDROOM SET, antique, dbl frame w/hdboard, lg drsr, drsr w/mirravanity, \$500, Jean, 234-5098

FILE CABINET, lg 4 drawer cabinet, \$50, Mark, 249-1719

HEADBOARD, curly-cue rattan, painted, \$20, Rosalie, 223-2403

DINETTE SET, glass top, chrome frame, 60"x30", 4 chairs, could sit 6, \$300, Felix, 249-4713

FURNITURE, lamps, TV/stereo rack, bean bags, curtains, moving, Ann, 249-4676

TWIN BED, w/mirror dresser, cherry, \$100, David, 241-4504

BRAIDED RUG, grn & white, 9 x 12, \$75, Barbara, 223-3288

COMMODE, antique oak, 1 drawer, 2 doors, stripped, natural finish, \$250, Jim, 251-1553

SCANDANAVIAN BED, queen, white, \$200; mattress, \$80, Robin, 223-8549

CONTEMPORARY SOFA & CHAIR, brown & white plaid, \$150, Kathy, 223-7023

KITCHEN CHAIRS, 4, heavy wrought iron, well padded, \$50 firm, Lesley, 276-9838

COUCHES, black hide-a-bed, 2-sect gold couch, AM/FM stereo console, \$125 ea, B/O, Gil, 223-7821

SLEEP SOFA, colonial, almost new, folds out to dbl bed, \$350, Rick, 257-1239

DESK, rock maple, kneehole, 8 drawers, \$75, Shirley, 269-2152

SOFA/HIDE-A-BED, gd cond, \$40, Mike, 231-7245

FURNITURE, queen matt w/frame, \$150; table, 4 chairs, \$170; couch & chairs, \$450, more, Donna, 246-2484

SOFA & CHAIR, high-back colonial, new upholstered print cover, exc cond, \$275, Michelle, 231-6406

PIANO, Birdseye, maple upright, nds some refinishing & repairs, \$150, Nancy, 276-9309

SINGLE BED, matt, bx spring, no hdboard, gd cond, in Watertown, \$25, Sue, 223-2128

END TABLES, 2 maple end tables, \$55 for pair, Rose Lee, 225-4041

ORIENTAL CARPET, Chinese, 6'x9', 120 line, browns & blues, new, \$1800, Peter, 223-5674

FLOOR TABLE LAMP, brass base, walnut formica table, exc cond, \$25, Robert, 231-4231

LIVING ROOM SET, 3 piece, modern, black/brwn/wht stripes, chrome legs, \$350, Joyce, 246-2355

**MISCELLANEOUS**

CONCORD HPL-105, in-dash AM/FM cass w/Dolby, used 1yr, requires external amp, \$100, David, 223-3918

WESTERN BOOTS, leather, men's sz 10 1/2, extra wide, like new, \$25, B/O, Robin, 223-7802

ELECTRIC PIANO, Wurlitzer, black, about 3yrs old, exc cond, \$550, Patricia, 280-7209

GOLD DIAMOND RINGS (3), 14K, one has sapphires, appraisals avail, \$150-\$600, Rosemary, 253-2447

TEAC TAPE DECK, 4chnl, 7" reel-to-reel, w/sync, mix down panel inc, exc cond, \$650, Bill, 223-9205

STORM DOOR, alum, white, cross-buck style, 30"Wx 78"H, \$50, B/O, Paul, 223-3375

LEATHER JACKET, men's sz 42, dress jckt, brown, zip-up, vy gd cond, \$50 firm, June, 249-4621

AM/FM RADIO, fits imports & GM, \$40, late model Ford AM radio, \$15, Dick, 231-6967

TIRES, Michelin 155x15, radial, \$50 for pair, B/O, Michele, 223-7754

CAR STEREO & SPKRS, in-dash AM/FM, w/8-track, \$80, Jensen Coaxials, \$25, pkg: \$100, Paula, 225-5328

NIKON LENSES (AI type), 85mm, f/2.0, \$125, 135mm, f/3.5, \$110, Stephen, 223-9225

WHEELCHAIR, \$75, walkers (2), \$10, Bill, 225-4273

RADIAL TIRES, 2, LR78-15 Firestone 721, on GM rims, half tread life remains, \$50, Gary, 276-9046

SONY TC-60 cass recorder, Realistic slide proj, Wollensak tape recorder, B/O, Ellen, 223-1887

PORTABLE TYPEWRITER, Hermes, compact, vy gd cond, \$45, Tom, 223-6678

INFANTS SWING SEATS (2) for wooden swingset, \$15 ea, baby's jump seat, gd cond, \$15, David, 225-4317

TEXTBOOK, "Consumer Protection Law" for BU course LA505, \$10, Barbara, 223-7041

CAR STEREO, Grundig AM/FM cass, 120watt Sanyo power booster, pre-amp, \$400, B/O, Steve, 231-6414

PATIO BLOCKS, qty: 135, 16x16x2, green, \$150, B/O, Bob, 247-2397

STEREO, 8track cass recorder, 5band equalizer, bit-in booster, 4spkrs, \$450 new, B/O, Pauline, 249-4133

35MM CAMERA, Petri FTEE, automatic SLR, f/1.8 lens, \$100, Rich, 231-6438

LAWNMOWER, Sears Eager-1, no-rust magnesium frame, catcher bag, used 3 summers, \$125, Clem, 249-4288

REDWOOD PICNIC SET, lrg round table, 4 benches, colorful umbrella, \$250, Vinny, 223-8786

WEDDING GOWN, white, sz 8, empire waist w/train, long sleeves, exc cond, \$250, Clotelle, 223-3899

ATLAS SNOW TIRES, E78-14, studded, on Datsun rims, \$40, Margaret, 223-2873

DIGITAL CLOCK, Seth Thomas Speed-Read, \$10, Bill, 232-2476

GM INFANT LOVE SEAT, exc cond, top rated in consumer report, \$20, Rose, 276-9382

TIRES (2), H78x15, brand new, never used, \$65/pr, Bob, 223-8112

RECEIVER, AM/FM radio working, 8track is not, jacks OK, \$30, Brenda, 249-4749

AM RADIOS (2), from '81 Dodge Omni, '78 Chevette, like new, \$20 ea, firm, Maryann, 223-6642

CAMERA, Fujica 701, 55mm lens, 2x converter, Vivitar 28mm lens, flash, cases, \$150, Jim, 236-2797

SLIDING DOORS, Thermopayne, 6ft, aluminum, with frame, \$100, Dave, 223-9216

TV, 25" color Heathkit, solid st, w/folding door cabinet, manuals, gd cond, \$275, Pete, 223-7107

INTELLIVISION VIDEO GAME, includes 4 cartridges, exc cond, \$240, Robert, 274-6688

CALCULATOR, TI-59, hand-held, read/write, programmable, 100 memories, 960 steps, \$120, Dean, 241-2545

TIRES, 2 B78x13 on Ford rims, \$45/pr, Denise, 276-9791

STEREO REVERB, Pionner SR202, depth control, provisions for 2 tape decks, \$60, Kevin, 223-3998

FIREPLACE SCREEN, 45"Lx30"H, curtain type, black, wrought iron, \$40, Dan, 278-4237

TRS-80 COMPUTER, Radio Shack, 16K memory, Level II Basic, w/books, software, \$600, Dick, 235-3404

TI58/59, applied statistics libry, 2 specialty packets, \$40, Mark, 282-2240

LEATHER TIE BOOTS, mens sz 9D, womens sz 10, worn 4 times, exc cond, \$45, Sue, 233-2211 x261, after 4

MOVIE CAMERA, Chinon 107SXL direct sound camera & light, \$100, B/O, Steve, 223-6449

MIDLAND CB, #77-824, 40 channel, digital display, \$40, Nancy, 246-4222

SPACE HEATER, propane converted, 40,000 BTU, gd for camp, \$45, Al, 238-3301

RECORD PLAYER, children's DeJay, for 33 or 45 records, w/case, \$10, Ken, 223-4665







## TS TECHNICAL SEMINAR SERIES

HALL OF THE WALTER REEVE  
PO BOX, MASSACHUSETTS

### August 4 - 3 pm

ud Leonard, Digital  
"Titan: A High Performance Scientific Workstation Computer"

### August 6 - 10 am

Walt Scacchi, USC  
"Environment for Software in VLSI"

### August 11 - 3 pm

Don Nelsen, Digital  
"Modelling Latchup Triggering in CMOS Circuits"

### August 12 - 3 pm

Neil Weste, MCNC  
"IC Design Tools at MCNC"

### August 13 - 3 pm

Neil Goldman, ISI  
"Say What's on your Mind: A New Foundation for System Specifications"

### August 20 - 3 pm

John Glauert, U. of Manchester  
"Dataflow Languages"

### August 19 - 3 pm

Jack Arabian, Digital  
"The Test Connection"

### August 24 - 3 pm

Charle Rupp and Hank Levy, Digital  
"Graphics Architecture Philosophy"  
"Architecture of VAXstation 100"

### August 26 - 3 pm

Ken Slater, Digital  
"The Sculptor Silicon Compiler"

### August 30 - 10 am

Jean-Pierre Banatre, U. of Rennes, France  
"A Language Framework for the Reliable Programming of Distributed Applications"

For updated information, call Gretchen Nace  
DTN 225-5057



## How to deliver effective presentations

Office Education is offering its two-day workshop, Delivering Effective Presentations, August 16-17 at the Parker Street Training Center. Participants will learn how to create and deliver effective presentations. Audience analysis, content, organization, delivery styles and techniques, as well as the application of audio-visuals are covered.

Presentations are videotaped with oral and written feedback provided. In this workshop, you will refine and/or improve your presentation style. This workshop is open to all Digital employees.

To register, send a memo to the Office Education Registrar, PK3-1/B11, including your name, badge number, cost center number, DTN/extension, mailstop, and your manager's/supervisor's printed name and signature.

## Four offerings from Ed Services Seminars

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

### Software Engineering: A Professional Development Seminar

This three-day seminar presents the significant advances in software development methodologies for timely and cost-effective production of high-quality software systems. The orientation is primarily for persons with two to five years of software development experience and some management experience. The seminar covers requirements analysis, specifications, design, implementation and other issues relating to the software development environment.

August 23-25, Bedford, Mass.

### Networking: Design and Implementation of Computer Communications Networks

This three-day technical seminar for anyone involved in the design, use or sale of networks is a presentation of the fundamental concepts, technology and practical implementation of computer networks. It will include an in-depth discussion of network architectures, components and structures with a focus on complete network design.

August 23-25, Merrimack, N.H.

### 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.

Each section combines lectures, labs, and exercises which allow you to understand and utilize the various functionalities of Datatrieve-11.

September 1-3, Bedford, Mass.

### Structured Programming and Advanced Data Structures

This three-day seminar introduces the attendee to the more advanced features of structured programming and the benefits of using well-chosen data structures. In reviewing basic structured programming concepts, attendees reinforce their understanding of how to manage sequential flow-of-control issues. The seminar then thoroughly explores advanced concepts, including a broad range of data analysis, representation and manipulation techniques. The issues of program control structure and advanced data structure are treated together, enhancing the attendee's understanding of these powerful programming techniques.

Prerequisites: at least two years experience in programming and some training in the basics of structures programming.

August 30-September 1, Bedford, Mass.

## Micrographics solves storage problems

Is your office overrun by paper files? Micrographics suggests microfilming.

Source document microfilming is the process of putting paper documents on 105mm or 16mm film eliminating the need for large film cabinets. One file cabinet of papers can be stored on approximately 123-4" x 5" 105mm microfiche cards and in one inch of space in your desk draw. Another alternative would be using six rolls of 16mm microfilm or six inches of draw

space.

The Micrographics department can convert magnetic media to microfiche. A tape in 10, 11 or 20 format (132 print characters, pages under 64 lines with line feed/carriage return command and form feed command) can be converted for just pennies.

Interested? For further details, contact the Micrographics consultant at MLO23-2/B63 or DTN 223-9520.

## New Product Planning Workshop scheduled

Terminals Manufacturing is offering its five-day workshop on New Product Planning August 23-27 and September 20-24 at the Bedford Customer Training Center.

This workshop provides an overview of new product start-up at Digital. Detailed information is presented on how Phase Reviews work; on a variety of planning tools (including PERT, GANTT, Woplan and PERTX); and on the interpersonal skills

needed to work successfully in a high pressure environment.

Product Planners, Project Specialists, Project Schedulers, or people interested in these positions can benefit from this workshop. If you are interested in attending, please send a memo, including your name, badge, cost center, DTN/extension, mailstop, job title and cost center manager's signature to Judy Marcus, PK3-1/B11.

## NEWS BRIEFS

### Deadlines for DTW

The next four issues of "Digital This Week" and deadlines for submitting copy are:

- August 16 issue-August 5 deadline
  - September 6 issue-August 26 deadline
  - September 20 issue-September 9 deadline
  - October 4 issue-September 23 deadline
- Please note that there are two weeks between the August 16 and September 6 editions.

### Need MICOM documentation?

If you are a new MICOM site, Corporate Network Services is offering User Documentation that they will tailor to fit the characteristics of your site.

If you have just gotten a MICOM Switch or plan to receive one and wish to see a sample of the document, please contact Laura Appleton, VR05-2/C10, DTN 273-3185.

### On the move

On August 16, three groups in Education Computer Systems (ECS) will be moving back to the Marlboro cluster from the Westboro EHO facility. ECS Engineering, Product planning and Advertising/Sales Promotion Groups will be relocated to MR03-2/E11.

### Toastmasters come to Hudson

The "WORDSWORTH CLUB" is a toastmaster's organization new to the Hudson, Mass. facility. An open meeting, luncheon and chartering presentation will be held on August 5 from 11:30 to 1:30 in HL2-1, Mt. Washington Conference Room.

Come and enjoy the jokes, speakers, fellow employees and special guests from Toastmaster International. To make reservation for the "Ethnic Potluck Luncheon" contact Len Winmill, 225-6201, or Donna Guest, 225-5853.

### Traffic safety at PKO complex

A traffic study at the Parker Street Complex has resulted in some new parking restrictions. On Aug. 9, parking on the main drive between PK03 and PK01 will be eliminated. A loading zone area, with a 15 minute time limit, will be located in front of PK01.

Also new regulatory signs will be posted to identify NO PARKING ZONES, FIRE LANES, HANDICAPPED PARKING, SPEED LIMITS, etc. Compliance of these new regulations will be in effect Aug. 9.

### On the move to Stow

The Sales Update and Competitive Update offices have moved to the Stow facility. The mailstop is OGO1-1/H11, Building 1 North. The telephone numbers are:

- Carole Fuller, DTN 276-9953
- Jaclynn Jones, DTN 276-9970
- Carolyn Smith, DTN 276-9968
- Chris Blood, DTN 276-9971.

### Digital Computer Club meets

The Digital Computer Club will hold a meeting on August 17 to discuss organizational matters and new member information.

The club will meet in the Mill Cafeteria Conference Room (ML05-4). All employees are invited and new member applications will be accepted at the meeting. For more information contact Dan Daigneault, president pro tem, PK01/C43.

### Home meal delivery program needs volunteers

For many years, Digital employees have donated their lunch hours to participate in the Home Delivered Meals Program for the homebound elderly in Maynard. The program, run through the Minuteman Home Care Corporation, is looking for some additional volunteers to help out in this project.

Meals are picked up at the Will Dodd Boy's Club and then delivered to about eight homes, all done within an hour. Interested employees should call Lorraine Stewart, volunteer coordinator, at 617-862-6200, for more information.

### User Documentation course added

To accommodate those who were unable to enroll in the July User Documentation course, DIS Training has added a second course to be held on August 26-27 in Bedford. For further information or to register, please call DTN 249-4670.

### Northboro opens doors

Northboro's newest building 5 will be holding an open house on August 4 from 1 to 8 p.m. Tours on various businesses will include: Corporate Distribution, Technical External Resources, Corporate Purchasing, Printing and Circulation Services, Software Distribution Center and Site Services. There will be on-site interviews for all open positions.

For more information, call Lorraine Bessett at DTN 234-4807.

## TICKET SALES

### Dancin' in the Street

Save \$2 per ticket  
Performance at Next Move Theatre, Tue: Fri., 8 p.m. or Sun., 2 and 5:30 p.m.  
Tickets: \$16.50 and \$12.00 full price. Must pick up special coupon at local Employee Activities Departments.

### The Big E

Eastern States Exposition  
West Springfield, Mass.  
Sept. 15-26  
Tickets: (First 2 days \$1 at gate)  
Employees: \$3 (regular \$4) adults only  
children, 6 and up, \$2 at gate  
ORDERS MUST BE RECEIVED BY AUGUST 31

### Tanglewood

August 29, Sunday matinee  
Buses leave PK03 at 8:30 a.m., leave Tanglewood at 5 p.m.  
Price: \$31.50 per person, includes buffet luncheon at Shaker Mill Tavern and ticket to Tanglewood.  
See local Employee Activities Dept. for special order form.

### MEAC Sunset Cruise

Aug. 20, buses leave Parker Street at 6:30 p.m.  
Gourmet Italian dinner, entertainment, dancing, music by Jasmine, and transportation for \$15 per person. Buses will leave Boston at 11:00 p.m.  
ORDER MUST BE RECEIVED BY AUG. 9

### Village at Smuggler's Notch

Sept. 3-Sept. 6  
Buses leave PK03 at 10 a.m.  
Three nights lodging, tennis, children's activities, Sunday barbeque, day trip to Montreal.  
Prices: Adults: \$119 per person, double occupancy, private bed and bath  
Children: (12 and under) \$85 sharing room with adults.  
Deluxe: \$149 per person, double occupancy, studio apartment.  
Representative will be at Digital on August 10 to take reservations. Book a reservation by calling DTN 223-2699 or stop by Employee Activities at PK03-1/Pole 9B.

### Bank of Boston Classic

Golf classic benefiting the Jimmy Fund.  
Pleasant Valley Country Club  
Sutton, Mass.  
Dates: 1st round - Sept 9  
2nd round - Sept. 10  
3rd round - Sept. 11  
4th round - Sept. 12  
Tickets: Regular price at gate \$6 (1st and 2nd rounds) and \$10 (3rd and 4th rounds). Employees - \$4.50 grounds coupon may be used any day, one time only. Children under 12 free when accompanied with an adult. (\$2 at gate if alone).  
ORDERS MUST BE RECEIVED BY AUG. 30

## Bowling Leagues wrap-up 81-82 season

The DEC TEN PINS report that the Bombers won first place in the 81-82 season with the Acton Aces in second, Patriots third and Happy Hookers fourth.

Individual trophies were presented at their banquet in June to:

Mary Adams for High Average, 172 pts.  
Pete DiCicco for High Average, 181 pts.  
Elaine Lupien, High Series, 546 pts.  
Al Raimondi, High Series, 658 pts.  
Ronnie Hald, High Game, 229 pts.  
Dave Lapointe, High Game, 247 pts.  
Dick Barry, High Series\*, 713 pts.  
Cindy Craft, High Series\*, 674 pts.  
Jim Arsenault, High Game\*, 268 pts.  
Rita Carleton, High Game\*, 263 pts.  
Jane Pointon, High Game\*, 263 pts.  
Mike Cirrone, Most improved, 15 pts.  
Marge Haller, Most improved, 15 pts.

The Longshots won the first and second half of the CANDLEPIN BOWLING LEAGUE's winter season. The team members are Bob Battersby, Luci Best, Al Cirelli, Chris Fischer and Pat Grieve.

Frank Thissel led the men with a 426 Triple, 172 Single and 113 Average. Skip Morning had a 401 triple for the year, and Jerry Wilkins a 150 High Single.

In the women's results, Chris Fischer had a 358 Triple, 140 Single and 101 Average. Nancy Vautour had a 340 triple, and Linda Fitzgerald a 127 High Single. The most improved bowlers were Barbara Hemenway and Bill Parm.

Anyone interested in joining the league can contact Lou Cesario at DTN 276-9285 (Stow).



The Bombers won first place in the DEC Ten Pins 81-82 season. (Left to right) Norm Landry, Jim Lavinski, John Coppington, Norma Millett, Bob Lessard and Jim Michniewich, (team captain).

## Bowling League registration

Registration is now being accepted for the Wednesday Night Bowling league. This is a candlepin league playing at Kelly's Lanes in Maynard.

Games begin at 5:30 p.m. There is a registration fee of \$2. For information or to register, call Brian Smith DTN 223-4200.

## 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.

## 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 Maynard

From **E. Pepperell, Groton, Littleton**, Harry Aikens DCV#16, 223-9435  
From **Methuen, Lawrence, Andover, Tewksbury, Salem, N.H.** area to Acton (ACO) and Maynard (MLO, MSO, PKO), Ken Noyce DCV#109, 223-3643

### FORMING VANPOOLS

#### To Andover (APO)

From **Framlingham** via Rt. #9 and Rt. #495, Brian Gordon, 223-8519

#### To Acton (Nagog Woods)

From **Belmont, Arlington, Watertown** via Rt. #2, Mark Lohr, 223-7272  
From **South Shore** (Quincy/Brockton/-Weymouth), Harold Woods, 223-5686

### 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

# Maynard Softball League standings

As of July 20



## Division: A Team Standings

Team	Wins	Losses	Pct
IPC	09	01	.900
Programming I	08	01	.888
Metal Fab	04	04	.500
Shipping	03	06	.333
ESS	02	07	.222
SEE	01	08	.111

## Division: B Team Standings

Team	Wins	Losses	Pct
Board Shop	08	00	1.000
Acton	05	03	.625
Finance	02	02	.500
Management Science	03	05	.375
Programming II	02	06	.250
PMR	01	06	.142

## Division: C Team Standings

Team	Wins	Losses	Pct
PSE	09	01	.900
Bedford	06	03	.666
Research	06	03	.666
Memory Engineering	04	06	.400
Telcom			
Turkeys	03	07	.300
Plant Engineering	02	08	.200

## Division: D Team Standings

Team	Wins	Losses	Pct
BSST	04	01	.800
Shuttles	08	02	.800
Emanon	03	02	.600
Law Dept	01	04	.200
Stowaways	02	06	.250

