

digital

MAYNARD

DIGITAL THIS WEEK



Volume 9 Number 5

March 8, 1982

Maynard Board Shop, a tradition leaving home

In the spring of 1968, Digital's manufacturing operation started its first circuit board shop in Building Seven of the Mill. (See page 4 "On-Line" insert). A Plated

Through Hole (PTH) line, the operation started with 30 people. In one month, 2,500 circuits had been built at a 75 percent yield.

Now, 14 years later, the operation, still in Building Seven, produces 10,000 boards a month at 100 percent delivery reaching a 93 percent multi-layer quality level and a 97 percent level for double-sided boards. Over 300 people work in the Printed Circuit Board Operation.

Last September, a decision was made to close the Board Shop. It was an especially difficult decision to make because of the well-known success of the business. But in order to provide a better environment and operation conducive to products of future technologies, a large financial investment would have had to be made. So the expense of renovating the shop coupled with the projected total maximum capacity of the operation forced the closing decision. Work will be transferred to larger internal Printed Wiring Board shops where they have the capacity and modern capabilities already in place.

The Maynard Board shop will be phased out by the beginning of the third quarter of fiscal 1983. At a kick-off breakfast held at the Sheraton-Boxborough on Feb. 15, members of the business and personnel staff stepped forward to give their support and to share information on the phase-out process.

After an introduction by Carmine Tata, Quality Control manager, Roger Shaller, personnel manager, led a series of presentations on the time elements, emotions, opportunities, numbers and economics involved in the phase-out.

The inevitable closing of the Board Shop has not slacked the pace of productivity, the quality of the work or its commitment to its workers. In the last couple of years, the Shop has earned an outstanding reputation in delivery, quality and performance goals. They brought their delivery performance up to 100 percent and quality from below 80 up to around 97 percent.

"We are giving organizations within the company a chance to renew themselves with the people who helped get Digital started in the Boards Business." Said Roger Shaller, "The reassignment program and phase-out process are real exercises in Digital values."



Cecil Ptak checks boards in copper plating process in the Maynard Board Shop. (Turn to pages 4 and 5 for more photos.)

See related story and photos on pages 4 and 5.

DECUS announces Spring Symposium

Internal DECUS will present its Spring Symposium on Wednesday and Thursday, April 28 and 29, at the Sheraton Conference Center in Boxborough, Massachusetts. More than 50 individual sessions will be conducted as workshops, panel discussions or tutorials designed for managerial and technical audiences.

Session topics will include new product announcements, updates on current products, marketing strategies, methods of information management, technical workshops and general presentations related to the current state of the art.

To help attendees select the sessions of most interest to them, many sessions have been grouped within major topic tracks including: DSS Systems, Networks, Office Automation, Personal Computing, Software Productivity Management and Software Tools and Training.

Pre-registration is required for the Symposium. There will be NO WALK-IN REGISTRATION. In order to accommodate the increasing number of attendees and to offer them more flexibility in scheduling their own time, IDECUS has prepared three registration options. Attendees may register for the full day, for the morning or the afternoon session. Half day registrations do not include lunch. The registration deadline is **APRIL 14TH**.

Preliminary programs and registration information will be mailed out in mid-March. For more information contact Internal DECUS at DTN 8-231-4332.

Video exhibit at Digital

Digital and Cramer Video are combining their resources on March 18 and 19 to present two full days of video exhibits and seminars. A full complement of audio and video equipment will be on display at the Bedford Educational Services facility.

For reservations and information, please call Mary Fitzpatrick at DTN 8-249-4192 or Jeffery Clarke at DTN 8-249-4567.

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.

Participative design workshops planned

The DIS/Office Systems Consulting group is sponsoring two workshops for Digital employees this spring.

PARTICIPATIVE DESIGN SEMINAR is an overview of a designing technique that allows "naive" users to design and implement effective information systems. Led by Enid Mumford, Manchester Business School, England, the technique integrates human factors, organizational needs, technical strategies and business objectives.

Professor Mumford's "user-driven" approach is most useful with systems that will affect or be used by many people, such as office information systems. Pilot office projects using her proven techniques are already underway within Digital.

The one-day seminar will cover both theory and practice or participative design focusing on case examples of its application in companies with which Professor Mumford has worked. This

overview workshop is particularly useful for managers and non-analysts.

The seminar will be held on March 29 from 9-4 at the Sheraton-Tara, Nashua, N.H. Registration is limited. To register, please call Bonnie Meister at DTN 8-273-3118. There will be a nominal charge to cover workshop expenses.

WORKSHOP ON PARTICIPATIVE SYSTEMS DESIGN is the second program designed to train participants to apply Professor Mumford's methodology in their business groups. The two-day interactive workshop is primarily intended for business systems analysts, office system specialists, organization development consultants and other employees with similar functions.

The workshop will be held on April 1 and 2, from 9-4, at the Sheraton-Lexington. Attendance is limited. To register, please call Bonnie Meister at DTN 8-273-3118. There will be a nominal charge to cover workshop expenses.

Access for the handicapped



At all Digital facilities, there are areas designated for handicap parking. These areas are restricted to give handicapped employees and visitors easy access to and from the building. They are not meant for the simple convenience of others.

Employees who need an assigned parking space, whether for a permanent or temporary disability, should contact their facility medical department. Health Services will inform Security who, in turn, will reserve a special place for your vehicle.

There are also special plates issued by the Registry of Motor Vehicles that will insure this accessibility at other facilities and public buildings and allow handicapped people to park at meters without paying.

HP plates are issued to car owners (not necessarily the person who drives the car) who are legally blind or have permanently lost the use of one or more limbs. In 1979, the Registry started issuing the national wheel chair symbol (see insert) to eventually replace the HP plate.

The V plate is issued to veterans disabled in military service as determined

by the Veterans Administration medical staff. These will not be replaced by the emblem plate.

For applications and additional information about HP or V plates, please write or call the Medical Affairs Section of the Registry of Motor Vehicles, 100 Nashua St., Boston, Mass., 02114; 617-727-3865.

Northeastern offers High Tech MBA program

Northeastern recently announced a new educational opportunity-the High Technology MBA program. This new accelerated part-time MBA program will begin next September with a class of 35 and will lead to a MBA degree in two years.

Members of Northeastern's staff and the Massachusetts High Technology Council assisted in developing the program. The curriculum is tailored to address the problems of high technology firms.

Students will attend classes on Wednesday evenings and on alternate Saturdays. Detailed information and an application may be obtained by writing:

Patricia L. Degen, Program Manager
High Technology MBA Program
Graduate School of Business Administration
Northeastern University
205 Hayden Hall
360 Huntington Ave., Boston, Mass., 02115

Digital's Art Exhibition Program debuts in New England

Digital and the New England Foundation for the Arts has recently announced a joint sponsorship of an Art Exhibition Program. The Program will provide support for museums, galleries, libraries and community centers to obtain outstanding traveling exhibitions. Many of the exhibitions will be held in Digital communities throughout the six New England states, and employees will be encouraged to participate in the opening of the exhibition.

The New England Foundation for the Arts is a non-profit organization supported by the six New England Councils for the Arts. They develop programs in the performing and visual arts that maximize limited resources in the arts and that bring high quality artistic programs to areas in New England that do not traditionally have access to cultural events. Currently, three exhibitions are being held in Digital communities:

The Robert Hull Fleming Museum of the University of Vermont
Burlington, VT

"Selections from the Chase Manhattan Bank Art Collection"
January 22, 1982 - March 22, 1982

Phillips Academy, Andover, MA
"Downtown Los Angeles"
February 14, 1982 - March 28, 1982

The Currier Gallery of Art
Manchester, NH
"Danish Ceramic Design"
February 20, 1982 - March 28, 1982

The program will be underwritten through a two-year contribution from Digital. Nancy Dube, manager of Corporate Contributions for the company said, "Digital has always been interested in supporting innovative systems to help people work together. We believe that this program offers an effective way to share the visual arts more widely throughout New England. It is a program which can enrich the lives of our employees where they may live, and bring new opportunities to community-based visual arts organizations."

Look for dates for future exhibitions to be published in Digital This Week.

Design for the 80s Lecture Series continues



John Holman, manager of Technical Operations Group of Central Engineering, recognized the efforts of four employees for their presentation on regulatory controls. From left to right: John Holman, Dick Amann, International Regulation; Carlton Davenport, Product Safety; Dave Brown, FCC Regulation; and John McNamara, Distributed Systems Group.

The next series will be led by Gordon Bell, *Heuristics in Building Great Products: Past and Present*, and Earl Van Horn, *Applications of Software Engineering technology to Hardware Design*. Dates are March 19, Maynard; March 20, Marlboro; and March 30, Spitbrook.

CAD tool training programs scheduled

Engineering Technical Training (E.T.T.) is now offering a TOPS-20 training course for the IDEA user, SUDS user or any one effected by the TOPS-20 conversion. This two-day course, held in the E.T.T. area in the Maynard Mill, will run every Tuesday and Wednesday throughout the third and fourth quarter of FY82 until the waiting list is satisfied, then it will be given as requested. The charge for the course is \$400.

E.T.T. is also offering IDEA and SUDS Overview courses as concise ways to learn more about the tools. They are available to managers, supervisors or anyone interested in knowing more about the systems. Both are one-day courses and cost \$200 per person. Consulting and on-site training for IDEA and SUDS are available on request.

COURSE SCHEDULE FOR Q3 and Q4

Course	Dates	Openings
TOPS-20	Every Tuesday and Wednesday until waiting list is satisfied.	
SUDS Accelerated	April 5-9	1 slot
SUDS Accelerated	June 14-18	4 slots
IDEA Comprehensive	April 12-June 4	3 slots
SUDS Overview	As requested	
IDEA Overview	As requested	

Any employee interested in any of these courses should contact Joy Tucker at DTN 8-223-9710 or send a request to Joy at ML4-2/E90.

New DECdirect catalog available

Digital has released the Winter 1982 edition of its DECdirect Accessories and Supplies Catalog. This edition of DECdirect, which is published quarterly, contains 112 pages of full-color product photographs, descriptions, and ordering information. Digital users can order from the catalog by calling the DECdirect toll-free telephone

number or by direct mail order to the Digital warehouse.

Among new products included in the catalog is Digital's personal office computing option for VT100 users, the VT18X. Catalog prices for both video and printer terminals have been reduced from 16 to 43 percent from prices quoted in the fall edition.

Also featured in the winter edition is a series of short, helpful articles on maintaining error-free media, dealing with static electricity, and related subjects.

To obtain a free copy of the DECdirect Winter Accessories and Supplies Catalog, write to Circulation Department, Accessories and Supplies Group, RQ/W83, Nashua, N.H.

Spreading the wealth

Reassignment plan for Maynard Board Shop

Concurrently with this year's phase out of the Maynard Board Shop operations, the reassignment of the 320 employees affected has been a priority for the Plant management and Personnel staff. A number of measures have been taken to assure a smooth transition and, for many, opportunities for career change, training and advancement.

Grace Ducet, Personnel, took the first step by developing a "skills inventory" to share with the rest of the corporation. Trying to capture the vast scope of skills used in the operation, the list does not include the years of service, experience and dedication that can not be categorized so simply:

EXEMPT

Manufacturing Engineers
Sr. Manufacturing Engineers
Supervisors/Mfg. Engineering
Managers/Mfg. Engineering
Quality Engineers
Sr. Q.C. Engineers
Supervisors/Quality Engineering
Sr. Supervisors/Quality Engineering
Managers/Quality Control
Managers/Model Shop
Mfg./New Products Planners
Production Supervisors
Sr. Production Supervisors
Production Managers

NON-EXEMPT/CLERICAL

General Clerks
Sr. Secretaries
Administrative Secretaries

NON-EXEMPT/TECHNICAL

Mechanical/Engr. Technicians
Electro/Mechanical Technicians
Chemical Process Technicians
Work Coordinators/Mfg. Technicians

NON-EXEMPT/PRODUCTION AND MAINTENANCE

Machine Operators
Image Transfer Operators
Drill Operators
Electro/Mechanical Inspectors
Platers
Silk Screeners
Photo-Lab Technicians
Laboratory Operators
Waste Treatment Operators
Graphic Arts Specialists
Chemical Mixers
Machine Maintenance Mechanics
Work Coord./Mach. Maint. Mechanics
Work Coordinators/Plating
Work Coordinators/Image Transfer
Work Coordinators/Silk Screening
Work Coordinators/Drill
Work Coordinators/Inspection

Reassignment strategies were developed for within the Plant as well as the rest of Digital. Internal movement is being
continued on page 5



All Maynard Board Shop employees, over 300, were invited to a breakfast as a kick-off for the phase-out program on Feb. 15 at the Sheraton-Boxborough.

ONLINE

DIGITAL EQUIPMENT CORPORATION

April, 1968

New Facility Opens For Circuit Boards

The Circuit Board Fabrication department has added a new facility, sporting new paint and hundreds of thousands of dollars worth of new equipment. This new (Plated-Through-Hole) facility, located in Building 7 adds more flexibility and capacity by providing high density, double-sided boards. These boards are made by plating circuitry not only on both sides of the boards, but also on the side surfaces of the holes through the board--hence, the name Plated-Through-Hole. The new technique, will permit production of much more complex circuits. Initially, gold plating will be used for the complete two-sided circuits.

The facility is under George Wood, who is now heading all circuit board production including the Silk Screen Department. The new department which includes circuit design and photography has complete facilities for production of the circuits. Equipment in the new department includes a series of chemical solution vats, a \$30,000 water filtration system to remove chemicals from water before it is disposed into the town sewage system, a photographic exposure room, a camera room, and a design and drafting room.

The process was developed by: Dick Clemente-Chemical Development, Walter Bonin-Photo Resist Development, Dick Mullarkey-Process Engineering, Ron Boudreau and Dick Krauchne-Technicians and production will be run by John Viscogliosi-Supervisor, Bernie Cote-Chemical Analyst, and Norm Perryman-Circuit Layout Supervisor.



Staff of new Plated-Through-Hole Facility

Flood Threat Averted



Digital employees moved into action quickly and helped avert flooding of DEC facilities when the rain-swelled Assabet River overflowed its banks. Ken Olsen gives an account of the flood on Pages 5 and 6.

K. Olsen Speaks At ARD Meeting

The intricacies and costs of manufacturing computers were outlined by President Ken Olsen in a speech given at the American Research and Development's annual stockholders' meeting held in March at the John Hancock Building, Boston.

Mr. Olsen's speech in part:

"Next week, we are delivering our first model of our PDP-8/I which is the latest step in our family of PDP-8 computers. This family now has some 2,000 computers in the field which makes it one of the three or four computers in history that has gotten to this kind of production. Because we are just getting the PDP-8/I into production, the steps and costs involved are very fresh in my mind, so I will review them with you.

... 'We now use some 80 million components a year, and the selection decides the reliability and cost of the equipment. We use several million integrated circuits. For the PDP-8/I, we built a PDP-7 computer-operated integrated circuit tester. This cost about \$100,000 but tests 2,000 circuits an hour and is a part of production.

'We then designed a facility for generating printed circuit boards. This is costing us about \$500,000 for a very elaborate plating and chemical processing system consisting of 75 different process steps. It also includes \$30,000 for equipment so that, as good citizens, we can purify water before we dispose of it.

encouraged in the Plant to "free-up" entry level positions for Board Shop employees. Some career changes and retraining for new fields will then be possible.

Start-up operations are the primary target for reassignment within the company. Andover Process Technology Center, Franklin Manufacturing, Field Services (Stow) and Greenville Board Shop are groups committed to recruiting within the Maynard Board Shop. Open houses have been conducted in Maynard to give these groups the chance to explain their operation, charter and job opportunities.

"Many employees are viewing the reassignment as an opportunity to be trained for a completely new field of expertise. There is a strong interest in careers in programming, computer operation, accounting/finance, materials planning/scheduling, stockroom supervision, personnel, field services (technicians), electronic technician, purchasing, sales training, modules assembly and inspection, graphic arts, chemical technicians, industrial engineering and drafting," according to Grace.

To enable employees to make these types of career changes a number of training programs are being established both internally, such as the Corporate Programmer Training Program and VAX Test/Operator Training in Marlboro, and externally like technical courses at local Community Colleges.

Most of the Plant's training resources have been dedicated to the special training needs of the Board Shop employees. Specific programs include an interviewing skills seminar, career counseling for supervisors and a resume writing workshop.

To keep information on job opportunities timely and accurate, a Reassignment Information Center (R.I.C.) has been established. Located in the Board Shop and staffed with two full-time people from 6:00 a.m. to 4:00 p.m., R.I.C.'s charter is to verify and post job openings; provide employees with information on salary ranges, qualifications and experience associated with the different jobs; employee referrals; follow-up interview results; track progress of reassignment process; and direct employees to the appropriate sources of information around relocation, compensation, training, etc.

If any group would like to list a job with R.I.C. just call DTN 8-223-8402 for more information.

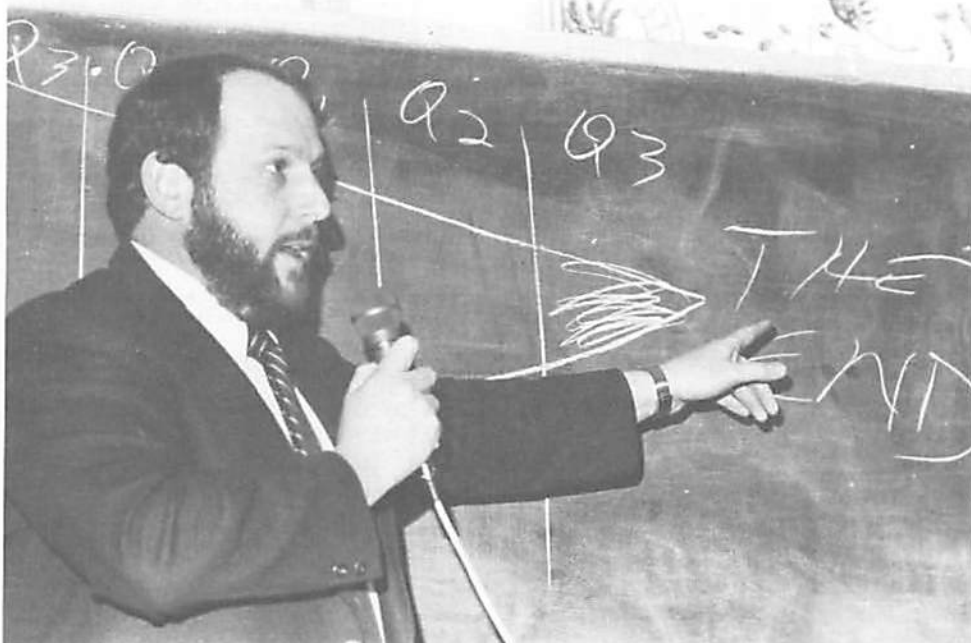
"Overall, there is a feeling of ownership and support in this transition process since the phase out was announced," said Grace Ducet, "We are fully committed to making this process smooth and helping employees maintain their positive attitude through to the end."



A. Estrada makes multi-layered boards. The business has reached a 93 percent quality level this year.



Bea Moore works in the Board Shop drill room in the Plated Through Hole line.



At the kick-off breakfast, Roger Shaller, personnel manager, advises Board Shop employees on the critical issue of time in the reassignment process.

THE MARKETPLACE



REAL ESTATE

BOSTON, waterfront condo, 2br, 2bth, brick&beam, deluxe constr, low maint, \$111, 231-5180

NOVA SCOTIA, older home, renovated, 2 hse lots incl, \$20000, Simone, HR245-5305

NORTHBRIDGE, contemp, 8rm, 3-4brms, 2bth, cath cell, frpic, close to Franklin/Worc, Alan, 282-2068

CENTRAL FLA, 50mi south of Disney, 3br, 1 3/4 bath central heat, \$35,900, Kathleen, BK248-4145

WHITEFIELD NH, 4.3 acres, wooded, near st prk, Rt. 115, Canon, \$6000, will finance, Virginia, 223-5459

WESTBORO, 8rm garr, glassed-in room leading to in-grnd pool, avail immed, George, 231-5132

STERLING, 5rm, 3bdrm, W/W, new kit, bath, bar, frpic, pine lvng rm, sm lot, \$45,500, Karen, ML223-3396

BOYLSTON, 3br condo, 1 1/2bth, gar, wood setting, exc cond, 60's, Patti, 225-5346

RENTALS

APT, Marlboro, 4/1, 2bdrm condo, all appl, pool & tennis, w/w, \$400+elec, Dan, 223-2643

DUPLEX, Derry, NH, 2bdrm, w/frpl, w/w, appliances, \$425+util, deposit, no pets, Deanna, VR273-3101

HOUSE, Hyannis, 4bdrm cape, dead-end st, walk to beach, \$450/wk, Chuck, 225-6415

CONDO, Myrtle Beach, SC, furnished, slps 6, \$250/wk during winter, Willie, PK223-8684

HOUSE, Falmouth, slps 6, 100 ft from saltwater, quiet area, Paul, WB237-2474

APT, Clinton, 2bdrm, spacious lvg rm/dng rm, dw/stove, \$400, no util, Mike, ML223-8287

CHALET, Gunstock area, slps 10, frpics, March mid-weeks avail, \$225, Jean, 223-3942

COTTAGE, Dennisport, 3bdrm, htd, 5 min to beach, \$375/wk, also avail off-season, John, MR231-7590

TWNHSE, W. Harwich, slps 4, pool, beach, cable TV, deck, 6rms, June \$1200, Kay, Q1280-7439

APT, Natick, 5rm, 1st flr of 2 fam, D&D, bsmt, gas heat, \$475+heat, Sheila, 231-5512

ROOM, in colonial house, kitch & bath privileges, \$175/mo, Janice, BU249-4279

ROOMMATES

ROOMMATE, share 3 bdrm country home, Nashua, Jane BU, 249-4076.

ROOMMATE, share Marlboro apart, \$120 incl pool, heat, parking Edward 225-5103.

HOUSEMATES, Lexington, 4 bdrm, laund, pkng, \$200+ util/meals, Jack TW, 247-2082.

HOUSEMATE, share 2 bdrm apt, Maynard with prof. F, \$300 incl. util, Linda 223-6560.

F, share 3br house w/ pool, Chelmsford, \$300+ util, Pam, TW247-2386

ROOMMATE, non-smoker to share 7 rm house in Lancaster, Diane, US275-6025

M, shr 2br apt, Nobscott, \$222.50 includes util, avail 4/1, Walter, ML223-9242

WANTED

UPRIGHT FREEZER, 15 cu. ft. or greater, working, negotiate price, Ken, 223-2724.

TO RENT, 26' Class A Motor Home, 4/17-5/1, slps 6, rear dinette, Steve 284-3242.

GRAND PIANO to practise on, Chris PK, 223-1861.

BUNK BEDS, used, or top bunk for colonial bunk beds, Barb, PK 223-1889.

LOST & FOUND

FOUND: gold earring in Mill stairwell, week of 2-8-82, Kathy, 223-3627

FOUND: gold bracelet in Mill parking lot, 2-8-82, Pete, PK223-2313

PETS

PUPPY, free, 7mth old, M, sheltie/min doberman mix, vry affectionate, Cheryl, WB237-2303

HORSE&PONY, fml type horse, 15'2, \$800 B/O, gentle pony, \$225, Donna-Marie, 278-4004

PUPPIES, ready Feb 18, mother: gold retr, father: eng setter, pay for shots, Ray, ZK264-8268

PUPS, AKC Ger Shep, blk&crn, sables, blk&tans, 7 wks old, wormed, \$150&up, Peg, PK223-2540

PUPS, AKC Shih-Tzu, blk/wht, home raised, avail early March, choose now, \$250, Larry, 223-8853

CARS

'78 OMNI, AC, 4-dr, asking \$4400, Rose, 225-4041

'76 AUDI 100LS, 4dr, auto, PS/PB, AM/FM, new tires, 68K mi, rear wndw defog, \$4000, Carolyn, HL225-4401

'79 FORD FIESTA, 4cyl, std, AM/FM, 8-track, sunroof, 29K, white, orig owner, Michael, ML223-1703

'70 SCOUT SR11, V8, auto, new snows, 4-way plow, good cond, \$1900, Rudy, HL225-4606

'81 AMC EAGLE SX4, 6cyl, 4spd, 7K mi, PS/PB, AC, AM/FM, tilt whl, sport pkg, red/blk, \$7000, B/O, Jack, WA221-5660

'80 TOYOTA CELICA, PS/PB, 5spd, AM/FM cass, AC, 4cyl, sunroof, exc cond, \$6300, Mairianne, PK223-9370

'81 PRELUDE, 4cyl, PS/PB, 15K mi, AM/FM cass, blue w/ stripes, \$8500 firm, Lorene, 249-8407

'81 MAZDA PICKUP, 5spd, gray, sports model w/radials & rustproofing, Ted, WM241-4921

'75 LANCIA BETA COUPE, 5spd, frnt whl dr, 4whl disk brakes, leather int, 80K mi, \$5000, Dave, TW247-2853

'76 MUSTANG II, 4cyl, auto, 82K mi, vry dependable, \$2000 Cher, US275-6126

'73 BUICK CENTURY, PS/PB, AC, 4dr, hardtop, kept clean, dependable, \$950, Barbara, PK223-6940

'78 BMW 320i, AC, AM/FM cass, auto, alloy whls, new shks, 53K, great cond, \$9500, Lorraine, 223-4040

'78 FIAT 128 HATCHBACK, 4spd, 32K mi, AM/FM, reg gas, blue, good cond, \$2900, Cynthia, BU249-4026

'79 MONTE CARLO, sm V8 267, sunrf, AM/FM cass, red, exc cond, \$5300, Elroy, NR234-4966

'73 VEGA KAMBACK, wgn, std 3spd, 86K mi, good commuter car, \$400, B/O, Faye, MS223-7495

'67 FORD FALCON, 289, 130K mi, auto, runs well, body rust, snows, \$350, Michelle, UP278-4330

'75 FIAT 131, rads, 26mpg, exc transportation, \$1700, Barbara, BO281-5727

'70 BUICK RIVIERA, drk brown/wht rf, bckt seats, pwr everything, clean, \$850, Bill, ZW284-3364

'79 FIAT STRADA, 43K hwy mi, sunrf, AM/FM cass, 5spd, frnt whl dr, \$4300, B/O, Michael, MR231-4105

'73 SAAB 99, 2dr, 5tires+2snows, man trans, orig owner, runs good, \$600, B/O, Amos, PK223-1906

'75 FORD GRANADA, 4dr, vnyl top, AM/FM, PS, 18mpg hwy, 88K mi, gd cond, \$1175, Chuck, UP278-4051

MISCELLANEOUS FOR SALE

BEDROOM SET, wht, twn drsr w/mirr, nght tble, dsk w/chr, bkcase, \$350, Barbara, ML223-9911

SNOW TIRES, E78-14 W/W on AMC rims, used 6 mos, \$50, B/O, George, 231-5132

CRIB, no mattress, \$10, Ray, ML223-9241

BUNK BED SET, 4 drawers, bkcase, closet, 2 beds, Sears, \$450, B/O, Walter, ML223-2685

AIR CONDITIONER, Whirlpool, 8000BTU, fits 25"x38" used 1 summer, \$100, Landy, 245-5226

CUISINART FOOD PROCESSOR, 5 blades&funnel, 1 yr old, \$75, Harold, ML223-5637

SEWING MACHINE, Singer, 5yrs old, port w/case, gd cond, \$50, Ray, ML223-9241

WATER PIK Oral Hygiene Center w/cordless rechargeable toothbrush, \$10, Rod, CF251-1766

STEREO RECEIVER, ERC Model 1405, AM/FM, \$60, B/O, Jean, MR231-6982

RCA COLOR CONSOLE, nds work, RCA VICTOR, 17", b/w, working, both: \$50, B/O, Barbara, PK223-9018

ACOUSTIC BASS CABINATE, w/2 15" spkrs, \$375, KUSTOM 200 Watt 2chnl amp, \$175, Rodger, 247-3018

RADIO EQUIP, ICOM22S, 2M FM XCVR&TTPad, \$130, Nat NCX500 80-10M SSB/CW XCVR, \$150, George, 223-6983

KODAK X4S INST CAM, autowind, film adv, elec eye, case, exc cond, \$30, Dick, ML223-8200

ADMIRAL TV, b/w, 17" and PHILCO, portable, \$50 each, Sy, MS223-8568

DEHUMIDIFIER, Sears, \$100, John, 223-8420

BASEBALL CARDS, comp mint set, 1982 Fleer cards, \$15, limited quantity, Steve, TW247-2571

SKIS, hart, 170cm, Tyrolia 360 diag bindings, ski brakes, good shape, \$170, Linda, PK223-6492

SKIS, K2 J5 Comp, 175cm, w/Solomon 444 bindings, \$45, Gary, PK223-6030

MUNARI SKI BOOTS, sz 8, \$25, Stephan, PK223-2979

SKI EQUIPMENT, 6' fiberglass skis, Munari boots, \$75 tot pkg, add poles, \$125, Dave, 238-3413

KASTLE SKIS, 170cm, FORMULA II boots, sz 9 mens, Look bindings, \$150, B/O, Ramon, AC223-2498

SKI BOOTS, Nordica Grand Prix, sz 11 1/2, asking \$50, Kevin, UP278-4386

RALEIGH BICYCLE, 10 speed, mens, blue, very good condition, \$100, John, 223-9772

RED SOX TICKETS, choice location, 2 or 4 tickets/game, Verla, WV226-7220

DIVERS NITE LIGHT, U.S. divers brite light, used once, rechargeable, \$55, Ken, 223-3265

GOLF CLUBS, mtchd set, 2-9, PW, SW, 1, 2, 3, 4 woods, Fiberglass shafts, \$150, Glenn, ML223-9747

MENS SKI BOOTS, Dolomite, sz 10, vry good cond, \$35, Bob, HU225-4236

ANTIQUA CABINET, old 3-sided glass china cab, 70 yrs old, \$200, trunk, \$25, Barbara, PK223-6940

DRAPERIES, custom, thermal, beige/gold/green, xtra thick lining, 3 66"x144", Claire, 223-7159

FIREPLACE, free standing, wood burning, blk steel, incl damper/scrn/grate, reas, Michael, WB237-2250

COUCH, beige corduroy, modular, good condition, \$60, Naomi, ML223-9301

RUG, 9x12, tweed, brown/gold/pink, exc condition, \$70, Kathie, ML223-2025

DINING RM SET, antique, 1928, tble w/glass top, 6chrs, buffet, server, \$1000, Jean, OF274-6650

HOLLYWOOD BEDS, twin beds, can be hooked together, w/wood HB to form dbl bed, \$50, MaryLu, PK223-5856

ORGAN, Wurlitzer Funmatic II, 2keybrds & band box, exc cond, \$975, Joe, MR231-6638

BEDROOM SET, wht, dbl bed w/matt&bxx spring, nite-stand, chest, bureaus, \$300, B/O, Jean, MR231-6982

COMPUTER CORNER

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

Call the following DTN numbers to join these routes.

VANPOOLS

To Maynard

From **Worcester** (7:15-4:45), Mary Keezer DCV #36, 223-8447

From **Hudson, Nashua, NH**, Gene Stringer DCV #25, 223-2970

From **Belmont, Arlington**, Morgan Robinson DCV #68, 223-7409

From **Berlin, Clinton, Lancaster**, Al Kimmel DCV #66, 223-4864

From **Fitchburg, Leominster** to the Mill and Powdermill Road, Tony Membrino DCV #43, 223-8164

From **Tyngsboro, Chelmsford, Westford, Lowell** area via Route 27, Charles Wellington DCV #14, 223-3570

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

CARPOOLS

To Hudson, MA

From **Leominster**, Roger Gagne, 225-5461

FORMING VANPOOLS

To Bedford, MA

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

New travel form to be released this month

Corporate Travel and Corporate Employee Disbursements announce that the "Advance Request and Travel Authorization" form has been redesigned to include additional travel related items for approval by cost center managers. Effective March 25, 1982:

- One-time automobile rental vouchers will be released only with authorization through this form.
- Prepaid airline tickets (company paid tickets picked up at the airport) will be processed only with authorization through this form.

Managers who approve travel have the responsibility to assure that cancelled or partially used airline tickets and/or one-time automobile vouchers are returned to the travel support group.

There is no change in the use of this form relative to the petty cash process. The prior form will continue to be accepted for transactions that involve only advances and/or airline tickets.

The new form will be available in office supplies areas before March 25.

NEWS BRIEFS

Parker Streets plans annual electrical maintenance

The Parker Street Complex (PK1, PK2 and PK3) will have its annual electrical shut-down on May 15 and 16. Only emergency lighting will be in operation.

The shutdown allows Plant Engineering to perform electrical maintenance for the proper upkeep and safety of the complex.

LSI Acquisition and Test move

On Feb. 22, the LSI Acquisition and Test Group from LM1, WB and WZ2 moved into the new Digital facility located at 111 Locke Drive, Marlboro. The location code is LM2, and the DTN code is 279.

To reach an employee at LM2 from a Digital Telephone Network number, dial 8-279 plus the extension which will be printed in the March telephone directory.

From a non-DTN location, dial 480 plus the four digit extension. The new listed external directory number is 617-480-5111.

Petty Cash moves

The Petty Cash site located in the Mill's Building 5-2 has relocated to Building 3-4. Business hours will remain the same: Monday-Friday, 9-11:30 and 12:30-2:30.

Main routes to the new Petty Cash site are:

From the Main Street Lobby: Follow hallway to stairwell, go up three flights to 3-4. Go through doors and straight down hall, Petty Cash is at the end on the right.

From the Thompson Street entrance: Go to 5-2. Take a left at the elevator and go through the tunnel. Pass through Personnel, Petty Cash is at the end of the hall on the left.

Auburn added to DTN

Corporate Asset Disposition located in Auburn, Mass., is now on the Digital Telephone Network (DTN). The group, relocated last August to the new facility at 48 Sword Street, can now be reached through the DTN code 8-293-22XX, (plus a two digit extension). The DTN operator's number is 8-293-2211.

The facility does not have direct inward dial. If you are calling from a non-DTN number, dial 617-791-8506, and the operator will transfer your call.

The mailcode for the site is FI.

Air craft schedule extended

The current Air Craft Schedule, dated Nov. 9, 1981 to March 31, 1982, has been extended through to April 30, 1982.

Deadlines for DTW

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

March 29 issue - March 18 deadline

April 12 issue - April 1 deadline

April 26 issue - April 15 deadline

May 10 issue - April 29 deadline

Please note that there will not be a March 22 issue of DTW.

New society holds introductory meeting

The newly founded Society for Documentation Professionals (S.D.P.) will hold an introductory meeting on April 12 at Valle's Steak House, Route 9, Newton, Mass., at 4 p.m.

S.D.P. was formed by members of Data Processing Librarians/Documentation Managers (DPL/DMA) to promote standards, procedures and other documentation concepts in the Boston-Worcester area.

Any employees interested in attending the meeting, optional dinner and after-dinner speaker, should contact Elliot Brown, vice president of S.D.P. publicity, at DTN 8-231-6254 for information, reservations and directions.

IEEE opens meetings to employees

The March meeting of the Worcester Section of IEEE will feature Lyle Wimmergen of Worcester Polytech. In his talk, "Engineering another deduction," Professor Wimmergen will discuss the recent changes in the tax laws and the new opportunities available to reduce your taxes and enhance your personal finances.

The meeting will be held on March 17 at 7:30 p.m. in the Seminar Room of the Gordon Library at WPI in Worcester. For more information, please call Ed Perkins at DTN 8-225-6463.

VLSI is subject of IEEE meeting

"Small is Big--The Microelectronic Challenge" is the topic of the joint March meeting of the Boston and Worcester IEEE Computer Societies. Professor Paul Panfield, MIT, will address ways in which the ever-increasing density and capacity of large scale integration can be used in computers as it gets harder to design what goes inside.

The meeting will be held March 24 at 7:30 p.m. at the Prime Computer R&D facility, 500 Old Connecticut Path, Framingham. For more information, please contact Ed Perkins at DTN 8-225-6463. All employees are invited.



You are cordially invited to attend Office Education's Open House to be held at PK3-1, Corporate Auditorium, Anteroom, and Training Center (Pole 9J), on March 30, 10:00 A.M. to 2:30 P.M.

There will be exhibits about courseware and demonstrations of various word processing and electronic communications options of Office Automation.

Refreshments will be served.

Spring seminars from Ed Services

Protecting Data and Information: A Workshop in Computer Security

This three-day seminar will discuss three major aspects of computer security: physical security, software security, and surveillance and auditing. It will cover the latest developments in the field as well as proven techniques that have worked to protect the integrity of Digital's computers.

April 8-9, 1982, Sheraton Rolling Green, Andover

Introduction to Datatrive-11

Educational Services is pleased to offer a new seminar which teaches Datatrive-11, a powerful data base, query, maintenance package, and report writer.

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

April 5-7, 1982, Bedford Training Center

To register for any of these courses, call the Seminar Registrar at DTN 249-4949.

Know your ABCs

Are you a non-technical professional in the computer world? Do you communicate with computer professionals in your daily work?

Educational Services offers two courses to help you communicate more effectively with the computer professionals, make you feel like part of the team and perform your job more efficiently.

ABCs of Computer Hardware

(J1379-A) is a one-week course designed to increase your knowledge on the Application, Basics, and Concepts of computer hardware. This five-day course is intended for non-technical professionals who must effectively communicate about and deal with computers in their daily job. The course has a lab component and has a technical orientation to familiarize the student with computer hardware and software elements, technical terms, industry technology and the structure of computer systems. There are no prerequisites for this course.

ABCs of Software (J1647-A)

is a new five-day course intended for non-technical employees who work in a computer environment and interface with experienced software groups. This course familiarizes the student with the applications, basics, and concepts of software and includes an overview of several Digital operating systems. The student will learn the terminology applicable to the software on a typical computer system. Topics include computer applications, review of hardware concepts, programming, the user interface, programming tools, utility programs, and system generation and patching. The knowledge the student gains from these topics will be further enhanced with a series of lab exercises on programming, system commands, and utility programs. Before entering the course, the student should have successfully completed ABCs of Computer Hardware or Introduction to Minicomputers or have a good understanding of computer hardware.

Enrollment: To enroll in ABCs of Computer Hardware or ABCs of Software, send a memo to the Employee Registrar, BU/E29, with your cost center manager's signature, your name, badge number, cost center number, mail stop, DTN extension, course title and date.

On Sites. Remember, on-site courses can be tailored and scheduled to meet your specific needs. For further information regarding ABCs of Computer Hardware or ABCs of Software on-sites, call Employee Education Marketing at 249-4300.