

digital

MAYNARD

DIGITAL THIS WEEK



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Digital announces VT100 personal computing option

Digital announced a \$2,400 microprocessor option that enables the company's VT100 video display terminals to run CP/M® personal computing software. The product, designated VT18X, is Digital's first offering in the personal office computer market, and is aimed primarily at the installed base of more than a quarter million VT100 terminals. Shipments of the VT18X would begin in January 1982.

According to Arthur Campbell, manager of Terminals Product Group, "The VT18X option will provide current VT100 terminal users with the easiest and lowest-cost access to personal office computing.

"The VT18X actually gives the VT100 two distinct identities," Arthur said. "Customers can either use their VT100s as input/output devices to a computer system by pressing a single key, run stand-alone personal computing applications under CP/M."

The \$2,400 single-unit price includes a Z80-based microprocessor module with 65,536 characters of internal memory, for mounting inside the VT100 cabinet, a dual mini-floppy (5¼-inch) disk drive with 160,000 characters of data and program storage, connecting cables, user guide and documentation, and a diagnostic disk to check system performance. A second dual mini-floppy disk drive can be added for \$1,275. CP/M software license and documentation are priced at \$250.

Timed with the announcement of the VT18X is the availability of several software packages running under CP/M developed by independent software distributors. The packages include word processing, mailing list, financial modeling and statistical packages, and communications to external data base sources. A set of high-level languages is also available to enable users to develop their own programs.

The VT18X kit will be sold and services primarily through participating Digital terminal distributors. The product can also be ordered through the 25 Digital's Computer Stores, sales offices, and through a toll-free telephone number from Digital's Accessories and Supplies Group. On-site service is available from Digital's Field Service organization. Washington, D.C., area customers can use the newly opened carry-in center in Lanham, Maryland.

"We originally designed the VT100 with extra power-handling capacity, accessory ports and internal space to accommodate a variety of upgrade options such as advanced video and integral intelligence," Arthur said. "The VT18X is the latest and one of the most innovative options to take advantage of that design foresight."

* CP/M is a registered trademark of Digital Research, Inc.

East meets West in Marlboro

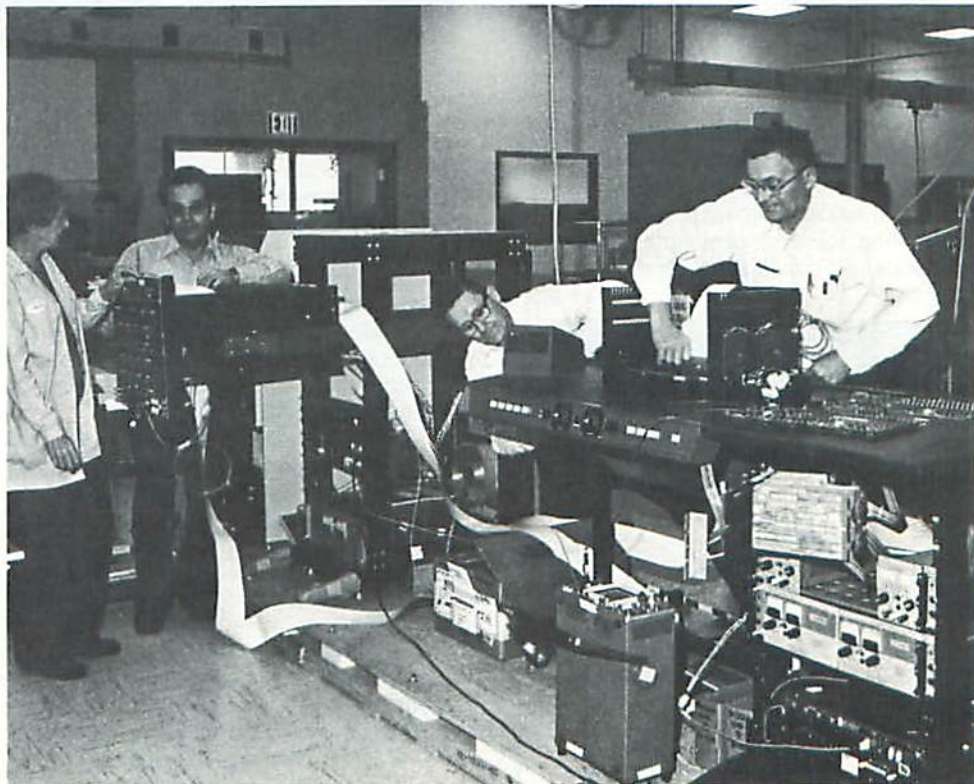
Off a rural side road in Marlboro, Mass., not far from Route 495, Digital runs its Far East operations. Responsible for manufacturing sites in Hong Kong, Taiwan and Singapore, the U.S. staff provides technical and business support as well as serving as the interface between the Far East and Engineering, U.S. vendors and customers throughout the company.

Why the Far East? Digital bought a core memory operation in Taiwan from RCA nine years ago. At its peak, Digital employed 3,000 stringing core memory in the Far East.

Charlie Polay, business manager, said in a recent presentation that Digital's manufacturing base in the Far East saves the corporation money in overhead, labor and buying raw and manufactured materials for other plants.

"Country selection goes beyond just a financial risk point of view," said George Borrero, group personnel manager. "There is a lot of consideration given to where Digital as a company with certain philosophies wants to do business."

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Memory Test Equipment Manufacturing team is now part of the Far East organization which makes most of the memory for Digital. Located in Marlboro, BP3, M.T.E.M. builds test equipment for all memory manufactured by the corporation.

Digital announces information 'architecture' for VAX computers

Digital, on October 15, introduced a new, unified set of software products for VAX computers, designed to provide large corporations and small businesses with complete solutions for information management.

The new products are VAX-11 DBMS, a Codasyl-compliant data base management system; VAX-11 DATATRIEVE, a high-level data manipulation facility for use by programmers and non-technical users; and VAX-11 Common Data Dictionary, a single repository for internal data definitions. Together with existing VAX software for records and forms management, they constitute a VAX information architecture, a total information management system for both interactive and programmed access to centralized and remote data bases.

Single-use license fees are \$15,000 for VAX-11 DATATRIEVE and \$3,000 for VAX-11 Common Data Dictionary. Deliveries are scheduled to begin in November. VAX-11 DBMS, scheduled for delivery in December, carries a license fee of \$30,000.

According to Alan Arsenault, senior product manager for information management systems, "We are encountering a modern 'information explosion,' caused by increasing sophistication in business and manufacturing processes, government regulations, and the greater affordability of computers. Every day more and more data are gathered, stored and used by more and more people. As that happens, control of information becomes increasingly difficult."

The VAX information architecture will enable creation of unified information facilities for entire corporations and public institutions, both large and small. It is designed for record-keeping applications in accounting, banking, personnel, sales, corporate and public administration, ma-

terial and inventory control, manufacturing, and many others.

The VAX information architecture supports simultaneous access by many users to large data bases for file creation, update, inquiry, and report assembly. It provides for phased growth of file facilities, beginning with VAX RMS, a records management service packaged with the VAX/VMS operating system, and extending to VAX-11 DBMS, which manages multiple data base structures.

Museum features LINC

A designer of the first laboratory computer, LINC, will speak at the Digital Computer Museum on Nov. 18. Wes Clark, recipient of the Eckert Mauchly Award for LINC, will be the guest lecturer on the Laboratory Instrument Computer developed in the early 1960s at MIT's Lincoln Laboratory.

The first interactive personal research computer, LINC was the ancestor of Digital's current MINC (Modular INstrument Computer) family of laboratory systems.

The lecture is open to the public and will begin at 5 p.m. A reception and viewing of exhibits will follow. For more information, please contact Sue Hunt at DTN 231-4443.

East meets West in Marlboro



Memory manufactured in the Far East is tested at MO facility in Marlboro.

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As technology changed and semiconductor memory took over, manufacturing other products have made up the Far East business plans for the next five years. While still building most of the memory for the corporation (except for what is done in Europe), the Far East operation also builds products for the manufacturing plants in Colorado, Springfield, Augusta, Phoenix, Albuquerque and Burlington. And for the first time, they are now building a finished-product, the VT101.

"Over time our philosophy is to drive as much of the operation and responsibilities directly to the Far East plants. One activity we do have to keep here is the interfacing with our customers' plans. The plants are operationally autonomous, but they need that interface with the rest of the company," said Charlie.

Once memory is built in the Far East, it is distributed from Marlboro (MO), after some testing and repair, to manufacturing sites.

The test vehicles used in the debug and verification of memories is also the responsibility of the Far East organization through its newest addition Memory Test Equipment Manufacturing (M.T.E.M.). The basic

tester used by M.T.E.M.'s customers, the largest being the MO test facility, is the 2224 followed by the newer technologies of the 2226 and 2228. The test systems are integrated in total by M.T.E.M. using, for the most part, Digital designed equipment.

In the process of decentralization, M.T.E.M. was taken out of Test Equipment Manufacturing in Acton and brought under the Far East wing in Marlboro, located at the Burroughs Plaza (BP3).

"It made sense to move the people who built the test equipment together with the people who use the end product to design and test memory," said Phil Smith, senior supervisor, M.T.E.M.

M.T.E.M. is, in effect, a resource available to the Digital world. Primarily, it is the focal point within the corporation for the order, manufacture and test of all memory specific test equipment with a secondary function of providing a custom built house for engineering prototypes within Digital.

For more information on how M.T.E.M. can benefit your project, please call Norman Valois, M.T.E.M. manager, at 235-3370 or Phil Smith at 235-3379.

DIGITAL THIS WEEK

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DTW is published every other week for employees of Digital Equipment Corporation in the Maynard, Mass. area.

Careful! Somebody may be listening

Part One

Information leaks cost industry two or three billion dollars a year, according to the estimates of several authorities. To minimize Digital's contribution to that needless waste, it's important that all employees be aware of the value of much of the information they deal with at work and of the dangers implicit in its misuse.

"We all need reminding from time to time about how to handle confidential information and of the risks in trading Digital stock when possessing inside information," says Bob Steinbach of the Law Department in Maynard.

Accordingly, here is the company policy on "Confidentiality." "Inside Trading" will be the subject of the upcoming issue of "Digital This Week."

Confidentiality

The nature of our company has encouraged the free and open exchange of ideas. We are, however, increasingly confronted with the premature disclosure of information to persons outside the company. There are several dangers which can arise from this kind of information leak:

Material information can be used by outsiders to make decisions on the buying or selling of Digital stock. This can lead to direct liability of the employee who discloses the information.

Competitors who gain access to confidential information can use it to their own competitive advantage.

Careful plans intended to maximize market impact can be seriously disrupted by premature disclosure.

The company is forced to react to leaked information, rather than benefiting from initiating well-planned marketing strategies.

Agreements with customers and vendors, which by their terms require that information be retained in confidence, can be threatened by leaks, resulting in loss of confidence and breached agreements.

To avoid these consequences, the following guidelines are recommended to all employees:

- Do not discuss company business with stock brokers, stock analysts, news reporters or any other person in a position to influence the investing public (or tip off our competitors). Refer inquiries from such people to the Investor Relations, Public Relations or Law Department.
- Avoid loose discussion of company business at social gatherings.
- Do not disclose confidential information printed, or otherwise, to people outside the company without having them first execute a non-disclosure agreement prepared by the Law Department.
- Where appropriate, documents should be labeled "Company Confidential" and

provisions made for their disposal.

- Do not leave confidential memos, documents, drawings, accounts or other information in open, public, or uncontrollable areas.
- Avoid disclosing confidential information to company employees who do not have a need to know such information.
- Do not place confidential information in company publications (DECWORLD, Digital This Week, etc.), which are likely to be disclosed to outsiders.

In short, don't be afraid to say "I don't know," or "We don't discuss that information."

Risk Management, available 24 hours

Corporate Risk Management has established a 24-hour Response Line to assist Digital personnel in handling emergency situations.

In the event of a serious accident, catastrophe or any other situation resulting in injury to an employee or damage to company property, Risk Management is available to give administrative direction to insure personnel safety and protect Digital property. The Response Line warrants 24 hour access to Claims and Safety personnel to assure that no further losses occur.

During non-business hours (Eastern Standard Time), an answering service will accept emergency calls and forward messages to on-call Risk Management people.

All losses during normal business should be reported immediately to Risk Management professionals who monitor the line during the day.

The Response Line number is **617-493-8380** or DTN **8-223-8380**.

M.S.E. program begins second year

The Master of Software Science at the Wang Institute of Graduate Studies is in its second year. Directed to software designers and implementors ready for a professional level program, curriculum emphasizes the specification, design, creation and management of software systems. The faculty at the Institute address the M.S.E. program to professionals who already have a substantial knowledge of software engineering. Candidates must have at least two years work experience in a software-related field.

Representatives from Wang Institute will be at Digital on Nov. 16 to answer any question about the program at the CRG Conference Room at the Mill, Building 3-2 from 10 to 12.

Audio visual loan under new management

The responsibility of the Audio Visual Equipment Loan Program at Parker Street has been transferred from Photography to Information Processing under the Management of Dee Johnson.

Relocated to the Stationary Stockroom, Joan Harkins is in charge of all loans. Overhead projectors, 16mm movie projector and 35mm slide projectors are available. Please order equipment in advance to guarantee the projector will be available. The stockroom is located at PK3-1, pole 16J. Their number is DTN 223-6370.

Henry Walsh will continue to handle all requests for videotape equipment. His number is DTN 223-5587.



Large Computer Group (LCG) coordinators from the U.S. sales force met with LCG product group personnel to review first quarter results and their plans for the future. "LCG being one of the most successful product groups in the company while also being the newest is a source of pride for all of us," said Rose Ann Giordano, product group manager. Coordinators exceeded sales goals on all criteria.

Digital gives energy tips



Digital's Corporate Energy Manager Jim Rogers (far right) shows Congressman Barney Frank (second from right) devices for saving energy at home during the Maynard Energy Fair last month. Dave Stone (far left) and James Grady (second from left), energy engineers at Digital, spent the day educating the public to the ways Digital and home owners can save energy. The Energy staff are planning to showcase the exhibit at Digital facilities in the future.

Marlboro procedure fo

Evacuating over 2000 people from a cluster of buildings entails more than just moving people. There must be a plan; responsibilities given out; education of employees, staff; and practice.

An audio alarm sounds the alert to an emergency situation that calls for the evacuation of a building. In MR buildings where there are high noise areas, lights also flash an alert. The alarm first rings a coded signal to alert the Plant Emergency Organization, then after approximately 60 seconds will go into a continuous tone. When the horn is sounded, leave the building immediately by the nearest exit. Some doors not normally used on a daily basis for security reasons can be used in an evacuation. The security alarms will be shut off. Do not use elevators when evacuating a building. A power failure could trap you.

DO NOT call the security station or the health services dispensary just to find out what is going on. These lines must be kept open for emergency calls. You will be told when it is all clear and safe to return to the building.

Someone in authority and with expertise in safety has made the decision that evacuating the building is in YOUR best interest and safety. No public address announcements will be made other than those absolutely necessary.

Once outside, stay clear of the building and allow emergency personnel to go about their duties without interference. Keep at least 200 feet away. Do not block roads, walkways or exits. It is safer to congregate in parking lots.

When evacuating a building, take along personal items such as purses, brief cases and the like.

Dean Jr. College than



Richard D. Mann, (ctr.) chairman of Dean Junior College, employees Roger Lawson (left) and Tony Garcia (right) standing next to a plaque. The plaque, which will be permanent, commemorates the donation of equipment-PDP-11/44 and 28 terminals and

Join in the Great American Smoke-Out

November 19 is the Great American Smoke-Out. Parker Street Health Services invites employees to a day of lung health by pledging 24 hours of non-smoking.

From Nov. 16-19, volunteers will be recruiting smokers to give up smoking for one day. Friends of smokers may participate by signing up and helping their co-workers quit. Health Services will maintain Smoke-Out Hotlines and provide stop-smoking survival kits. The PK3 cafeteria will feature a "cold turkey" special.

An ecolyzer, a ten minute test to measure carbon monoxide in exhaled breath, will be available to all employees according to the following schedule:

Monday, Nov. 16	1:00 - 4:00	PK1, Cafeteria
Tuesday, Nov. 17	8:30 - 11:30	
	1:00 - 3:30	PK3, Cafeteria
Wednesday, Nov. 18	1:00 - 4:00	PK2, Room K
The Visiting Nurse will make the ecolyzer available to facilities without a nurse as follows:		
Monday, Nov. 9	8:30 - 11:30	WA, Waltham
	1:00 - 2:00	FJ, Prospect Hill
	2:30 - 3:30	HN, Hanscom
Tuesday, Nov. 10	8:15 - 9:30	
	10:30 - 12:00	LW, Lowell
	1:00 - 2:30	OF, Burlington Woods
Wednesday, Nov. 11	8:00 - 9:30	AK, Acton
	9:30 - 10:30	AK, Annex III
	11:00 - 12:00	WV, Westford
	1:00 - 2:30	LK, Littleton
Thursday, Nov. 12	7:00 - 8:30	HN, Hanscom
	9:00 - 11:30	ZX, Lexington
	1:00 - 2:30	VR, Virginia Road
Friday, Nov. 13	8:00 - 9:30	FF, Sudbury
	10:00 - 11:30	US, Hudson
	1:00 - 2:30	BY, Boylston

Location within the facility will be posted. For further information, call DTN 223-4595 or 223-4598.

Building evacuation

Responsibilities

During an evacuation, all personnel must follow the instructions and authority of the security, Plant Emergency Organization and Safety personnel. In the event of a fire, the municipal fire chief has ultimate authority over the facility.

Managers are responsible for the safety of their staff. They should also designate an alternate authority to act in their absence. They are also responsible for visitors in their area. Managers should familiarize new employees to these evacuation procedures.

Departments should be evaluated beforehand as to whether equipment is to be left on or off. Remember that any machinery that is considered dangerous unattended should be secured. Do not forget to secure any company confidential information.

If there are handicapped employees in your organization, review with them what kind of special assistance they may need. Designate responsibility to a co-worker and an alternate to help the person evacuate safely. Consider alternative routes for an employee who uses an elevator for access to his/her office.

Evacuation exercise

The main purpose of evacuation drills is to familiarize employees with the exit routes, the sound of the alarm system and to determine the efficiency of the plan. Art Mancini, safety engineer for Marlboro facilities, plans at least one drill a year. He starts the exercise a week in advance by reviewing with managers evacuation procedures.

For the Plant Emergency Organization, training is an on-going part of their work life.

Digital



Board of Trustees, presents a plaque to Digital during the opening of the Dean Academic Center in the Center, recognizes Digital's contributors.

December offerings from Seminar Programs

To register for the following courses in December, call the Educational Services Seminar registrar at DTN 8-249-4949.

Software Project Management is targeted for data processing management from the supervisory to senior level. Any employee interested in improving the productivity of software development projects, large or small, should attend.

This seminar has both a technical and managerial dimension that stresses techniques to improve management visibility and control throughout the software development life cycle.

The seminar leader is Don Reifer whose most recent project was the world's largest software project--the Space Shuttle--with over \$100 million in software deliveries.

Dec. 10-11

Boston Marriot Hotel

Employees have shown a strong interest in **Executive Computing for the Non-Data Processing Manager: A Hands-on Approach to Using BASIC Language** offered by Ed Services. By combining classroom techniques with actual hands-on experience, participants learn how to use BASIC to solve problems on the computer.

This seminar is designed for the manager and assumes no data processing background. Participants will have the opportunity to solve problems in a wide range of management applications including finance, manufacturing, decision-making, simulation and modeling and marketing.

Dec. 9-11

Bedford Training Center

Design and Implementation of Computer Communications Networks is a three-day seminar for employees involved in the design, use or selling of networks. The seminar includes network architectures, components and structures with a focus on complete network design.

Dec. 14-16

Boston Marriott Hotel

Design of Applications under RSTS/E seminar/workshop combines the best of two instructional methods to teach optimum design techniques for writing applications under RSTS/E.

The seminar section will emphasize the significant characteristics of each application and address critical steps in the design process. Appropriate trade-offs among operating system capabilities will be highlighted. In the workshops, each attendee becomes an active member of a team that creates designs for typical RSTS/E commercial applications, such as:

A database inquiry application

A transaction processing application

A multi-user job mix

As a participant, each student can gain practical RSTS/E application design for use back on the job.

Dec. 1-4

Stouffers Bedford Glen

In Environments where industrial processes require continuous monitoring or where scientific experiments collect large quantities of data, many companies are enjoying substantial paybacks from **Real-Time Computer Applications**.

This application seminar focuses on the critical issues relating to the design of these systems. Using a case study approach, issues addressed include selection of system components, characteristics of data flow and formulation of design specifications. Attendees should have previous computer experience and involved with at least one major project, not necessarily a real-time system.

Dec. 1-3

Stouffers Bedford Glen

How to dictate

Office Education offers a half day course for employees to more effectively utilize a secretary's stenographic skill or a dictation machine. Learn to express ideas effectively and efficiently. The course includes practical applications of proper dictating methods. The next class will be held at Parker

Street on Nov. 20 (8:15-12).

To register, send a memo with your name, badge number, cost center, and cost center manager's signature to Registrar, PK3-1/B11, or contact the training coordinator at your facility. For further information, call DTN 8-223-2872.

THE MARKETPLACE



PETS

BOXER PUPPIES, AKC champion sired, Brindles and Fawns avail., \$275. JoAnn, BU 249-4754.

SHEPHERD-CROSS PUPPIES (6m, 3f) parents both of gd temperament, born 8/28, FREE. Pat, ML223-7389.

GERBILS, FREE. Dan, CF 251-1628.

BICYCLES

GIRLS 26" SCHWINN, coaster brakes, single spd, \$25. Jack, ML 223-3238.

LADIES 26" 3 spd, like new, \$50. GIRLS HUFFY, exc cond, \$35. SMALL GIRLS BIKE \$10. Phil, ML223-5669.

BOYS HIGH RISE BIKE 20", 18 mos old, very gd cond, \$30. Lou, MR 231-6993.

LADIES 10 SPD "FREE SPIRIT", nds work, B/O. Priscilla, WV 226-7114.

MOTORCYCLES

'79 HARLEY DAVIDSON SPORTSTER XLS ROADSTER, blk/ platinum, low mi, extras. Kathy, HL 225-5688.

'81 SUZUKI "PE 250" super dirt bike, 300 mi, must sell, \$1300 or B/O. Alan, MO 231-5698.

HONDA CB750K, maroon w/Conti tires, lugg rack, sissy bar, helmets, \$1895. Eileen, LK 226-7159.

'76 HONDA 550 4, perfect cond, 16,800 mi, lugg rack, helmet, extras, \$1250. Mark, HY 259-3794.

'80 HONDA CM400T, 5K mi, cover, helmet, extras, like new, must sell, B/O. Rita, WZ 238-3237.

'72 SUZUKI 380, 5700 orig mi, triple 2-stroke, mint cond, \$750. Terri, AK 246-2231.

CARS

'77 CHEVY CAPRICE CLASSIC, am/fm cass stereo, ps/pb, 60K mi, \$3500 or B/O. Sandy, MR 231-7128.

'76 DATSUN 280Z, brown, am/fm, a/c, snows on rims, 100K mi, \$3500. Charlie, ML 223-5260.

'77 FORD F250 Van w/sliding side dr, ps/pb, 59K mi, partially customized. James, BP 235-3291.

'75 CAMARO Type LT, 350 5bbl, 4spd, ps/pb, rear defog, \$3500. Dave, PK223-3807 (2nd shift 4-12pm).

'70 SAAB 99E, body in exc cond, nds brake work, new clutch, runs fine, \$700. Gary, MR231-5508.

'74 CHEVY IMPALA V8, 2 dr, gd running cond, has N.H. sticker, \$800. Frederick, HL 225-4653.

'73 PINTO RUNABOUT, 4cyl, 20mpg, a/t, sunroof, 82K mi, garaged in Stow, \$600. Mike, OF 274-6521.

'78 MONTE CARLO, am/fm stereo, a/c, coupe, blue int/ext, must sell, \$3500. Brenda, PK 223-9210.

'77 CHEVY BLAZER 4X4, loaded w/extras, low mi, looks like new, must see, \$4800. Robert, BX224-2270.

'73 IMPALA WAGON 350/V8, ps/pb, new tires, exc mech cond, gd 2nd car, \$800. Frederick, QI280-7393.

'70 MUSTANG F/B, modified 302 eng, rebld trans/ eng, body exc cond, \$2000 firm. Cathie, TW247-2733.

'68 CADILLAC SEDAN DE VILLE, \$300. Etsuko, ML 223-6239.

'74 EL CAMINO, runs gd, nds little body work, 79K mi, \$1200. Beth, TW 247-2424.

'76 PLYMOUTH ARROW 1600, 38K mi, auto, gd cond, \$2495. Dave, BG 223-5109.

'78 TOYOTA COROLLA, 2 dr sedan, 5spd, new tires, gd cond, \$2800. Karen, CF 251-1304.

'78 MERCURY ZEPHYR STA WAGON, Villager option, 6cyl, a/c, ps/pb, 41K mi, \$4000. John, ML 223-7464.

'78 PONTIAC FIREBIRD FORMULA, blk/tan int, 35K mi, T-roof, a/t, ps/pb, \$6000 or B/O. Jane, CF251-1531.

'74 VW DASHER for parts, body rusted, eng runs gd, rebld head, new front brks, \$800. Doug, MR231-5400.

VEGA, 2-dr sedan, std, 1 owner, 40K mi, new brks, batt, great cond, B/O. Yolinda, ML223-5432-7501.

'77 MALIBU CLASSIC, 2 dr, am/fm 8 tr stereo, runs very well, must sell, \$2600. Bob, NR 234-4230.

'72 AMC HORNET WAGON, ps/pb, a/c, 4 dr, 6cyl, nds clutch, 22mpg, \$450 or B/O. Barbara, AC232-2297.

'81 TOYOTA PICKUP, 4X4, pay balance or take over payments. Teri, HL 225-5581.

'67 FORD MUSTANG CLASSIC, p/s, a/t, exc body cond, nds some eng work, \$2000. Jill, PK223-5281.

'80 RX7 MAZDA, Anniversary Ed, every option incl 2 rfs, 6mag whls, 8K mi, \$10,900. Angelo, AC232-2472.

'78 FORD PINTO, 2dr, moon rf, 14K mi, exc cond. Chris, MR 231-7429.

'67 PLYMOUTH FURY, new brks, tires, rebld rad, nds some body work, \$350 or B/O. John, QI 280-7564.

'74 FIAT 124 SPEC TC1600, 4 dr, 81,500 mi, gd cond, exc stereo/cass, \$1450. Charlie, PK 223-7293.

'80 CHEVY MONZA, 24K mi, green, 4 spd, hatchback, \$4400. Charles, BO 281-5698.

'75 CHEVROLET NOVA, 6cyl, std, ps, rustprf, exc rad tires, mint cond, \$1600. Bob, BU 249-4619.

'74 FORD MUSTANG II HATCHBACK, 4cyl, auto, ps/pb, am/fm stereo, T-roof, \$2295. Theresa, PK 223-1215.

'79 MUSTANG GHIA, 4cyl, a/t, am/fm, blk w/red int, sunrf, rads, 40K mi, \$4600 firm. Cheryl, PK223-8377.

FULL PLOW RIG for JEEP CJ5+CJ7, \$500. Dan, PK 223-2295.

'75 CENTURY CUST, 24K mi, ps/pb, a/c, am/fm cass, 4 new rads, 2 snows, gd cond, \$2200. Al, ML223-1921.

'75 PINTO STA WAGON, a/c, 4spd, low mi, gd cond, \$1800. Debbie, ML 223-6302.

'62 CORVETTE, total restoration, all new, 327/350, 4spd, 2 tops, \$11,000 firm. Tim, ML 223-2586.

'73 TOYOTA HILU PICKUP, 4cyl, 4spd, long bed w/ step/toe bumper, \$600 or B/O. Jon, PK 223-7342.

'63 JAGUAR XKE CONVERT, silver, very gd cond, no rust, chrome wire whls, \$4900. Bob, ML223-4005.

'78 MERC MONARCH, 36K mi, 4 on-the-floor. Jane, NR 234-4681.

'74 CAMARO, ps/pb, am radio, fm converter, 6cyl, 250 eng, 81K mi, \$1800. Larry, TW 247-2726.

'73 PLYMOUTH DUSTER, 6cyl, a/t, a/c, am/fm cass, runs gd, \$650. Barbara, PK 223-8898.

APPLIANCES

YELLOW HOOD HAIR DRYER with electric curlers, Oster, perfect cond, \$25. Ted, PK 223-4153.

MISCELLANEOUS FOR SALE

DOUBLE SIZED MATTRESS/SPRINGS, fair cond, \$10 and you take it away. Anne, PK 223-2603.

WOMEN'S BROWN LEATHER BOOTS, like new, purchased in Spain, sz 8, \$30. Ted, PK 223-4153.

WOMEN'S BROWN LEATHER BOOTS, new, high heels, sz 8 1/2, \$20. Ted, PK 223-4153.

SNOW TIRES (2) HR 78-15, like new, 4K mi, \$75/pr. Wally, LM 231-5065.

IBM SELECTRIC 13" TYPEWRITER, exc cond, \$500. RECORD-A-CALL 80 Tel, \$240. Len, PK 223-7687.

FREE SIDEWALK SECTIONS, 11 pcs, 3' long, 1 pc 6' long, all 2 1/2" wide. Wayne, ML 223-3390.

DINING RM SET (10pc) dk oak, 6 chairs, table, side bd, cordenza, china cab, \$795. Stanley, HU225-4284.

TIRE RIMS (2) Ford 14" \$15; 2 Camaro Z7 15" rims w/steel radials, \$30. Susan, BU 249-4736.

FLUTE, gd cond, \$225. Dick, SP 243-2243.

FULL SIZE BED, 2 yrs old, extra firm, head bd, sheets, Fiesta, \$160. Bruce, MR 231-4239.

SHORT WAVE RECEIVER, Hammarlund HQ100 w/speaker, \$110. Mike, MR 231-4563.

DINING RM SET (9pc) Fed reproduction, uphst seats turned legs, curved drs, \$800. Jack, PK 223-5574.

ROTOTILLER, Sears '80 5HP, exc cond, \$500 or B/O. CRIB, gd cond, \$20. Judi, ML 223-7900.

SKIS, Kazama Smokers w/G30 bndgs, SAN MARCO BOOTS sz 9 1/2, w/boot tote. Rosemary, NR 234-4310.

WHEELS/TIRES, 5 factory alum Z28 whls, 4 almost new Dunlop radials, \$500. John, ML 223-8086.

MAHOGANY BED w/boxspring/matt, antique, \$190; MIRROR DRESSER, \$140. Noreen, WZ 238-3355.

X-COUNTRY SKIS, Bonna Racing, fiberglass, never used, \$35. Kathy, CF 251-1466.

MAG WHEELS, chrome slotted, for GM cars, \$100. Beth, TW 247-2424.

MOORE PAINT, 8 gals, Calif Redwood color, fresh this year, \$10/gal or B/O. Vic, PK 223-8441.

STEREO RECEIVER, ERC Mod 1405 Solid State am/fm, \$60 or B/O. Jean, MR 231-6982.

ALL-WEATHER TIRE ER78-14, Eldorado belted radial w/w, 75% tread remaining, \$20. Bob, PK 223-7573.

CUSTOM DRAPERY, 61" L, several widths, green/gold, beige background. Claire, ML 223-7159.

CONN ORGAN w/bench, mahogany cab, dbl keyboard, rhythm/show cords, spkr, \$600. Becky, BU249-4210.

LIVING RM SET (3pc) sofa, loveseat, chair, \$300. Gail, PK 223-8280.

DINING RM SET (Temple Stuart) 64" hutch, table w/ 3 leaves, 6 chairs, \$1200. Maureen, CF 251-1239.

BED FRAME qn sz, \$30. CRIB, new matt, \$50. 24" FRPL GRATE \$15, or B/O's. Barbara, PK 223-2118.

CB/SIDE BAND BASE STATION, Lafayette Telsat 140 w/pwr mike, more, \$200. Arnold, MR 231-4004.

PUMA BICYCLING SHOES sz 6 1/2 \$20. 180CM OLIN MARK SKIS w/bndgs/poles, \$50. Sue, MR 231-6873.

B.U. TEXTBOOKS, CS421 Data Management Sys, CS468 Design/Const Compiler, \$15/ea. John, HL 225-4936.

MAHOGANY BUTCHER BLOCK SOFA, 85"; COFFEE TABLE 48"x18", Creative Comfort, \$50. Paul, ML223-4898.

CAR STEREO, 8-tr, 2/4 spkrs (Quad), in box, \$20. HUB CAPS (4), Chevy Blazer, \$15. Joe, BP 235-3337.

CEILING FAN, 4 spd, wall unit, 48" wood blades, \$45. Todd, HL 225-4853.

ELECTRIC KEYBOARD, Suzuki portable organ, 3 oct, rhythm set, spkr, \$200 or B/O. Ron, ML 223-7535.

KITCHEN SET, solid light pine trestle table w/ 2 benches, exc cond. Lesley, BU 249-4042.

TRUMPET, Bardot w/case/mutes (worth \$125) \$85. John, QI 280-7294.

ARP OMNI-2 SYNTHESIZER, Polyphonic w/stand, \$800 or B/O. Kristen, ML 223-4417.

CHROME TRIM RINGS (3) for 13" wheels, will fit Mazda, Toyota, Datsun, \$10/ea. Michael, FP283-6217.

OAK DINING RM CHAIRS, set of 6, 1 w/arms, \$150. Nancy, ML 223-5431.

IBM SELECTRIC TYPEWRITER, \$400 or B/O. Judy, ZX 253-2481.

WEDDING DRESS, sz 5-6, never worn. Darlene, HL 225-4627.

RHYTHM SOUND SYSTEM, new, 8-sounds (Dixie, GoGo, Waltz, March, etc), \$250 or B/O. Bob, PK223-6976.



NEWS BRIEFS

Deadlines for DTW

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

Nov. 23 issue - Nov. 12 deadline

Dec. 7 issue - Nov. 26 deadline

Dec. 21 issue - Dec. 10 deadline

Jan. 11 issue - Dec. 31 deadline

Please note that there will not be a Nov. 16 issue.

Why are our computers crashing?

Electric power quality will be the topic of a joint meeting of the Worcester Section Power Society and Computer Society of IEEE. Dennis Symanski, of New England Electric System, will be the speaker.

The meeting will be held Nov. 9 at 7 p.m. in the main auditorium of New England Electric, 25 Research Drive, Westboro. Meeting is open to public.

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 **Westboro, Southboro, Shrewsbury**, DCV 87, Vic Hamburger, 223-8441.

from **Manchester, Bedford, Merrimack, N.H.**, DCV 69, 223-2747.

To Marlboro

from **Belmont, Cambridge, Watertown, Brighton, Newton**, DCV 77, 231-4355.

CARPOOLS

To Maynard

from **Boston**, Bill Brodie, 223-4744.

To Hudson

from **Marlboro** (near Rt. 20), ride only, Kay, 225-5325.

To Marlboro

from **Nashua, N.H.**, ride only (non-smoker), Lee Otsubo, 231-5079.

FORMING VANPOOLS

To Northboro

from **Londonderry, Nashua N.H., Tyngsboro, Chelmsford**, south on 495, riders and drivers needed, Jack Cohen, 234-4291.

IEEE Computer Society meets

"Computers Designing Computers--An Overview of CAD/CAM" is the topic of the November 18 meeting of the IEEE Computer Society, Worcester Section. David Koogler of Data General will be the speaker.

Open to all employees and guests, the meeting will be held at 7:30 p.m. in Kinnicut Hall of Worcester Poly Tech. For more information contact Ed Perkins at DTN 223-5287.

Wanted

Parker Street Health Services is looking for EMT (Emergency Medical Technicians) to work with the medical staff. If you are currently certified, work at Parker Street and interested, please call DTN 223-3217.

MR Health Services sponsors weekly Alanon meetings

Employees who have alcoholic spouses, children, relatives or friends are welcome to attend the weekly Alanon meeting held in Marlboro.

The meetings are held on Thursdays between 11:30 and 12:30. For more information, please call Alanon's confidential contact, Diana Macy at the Marlboro Health Services, DTN 8-231-5672.

Toys for Tots begins Nov. 15

The Maynard Employees Activity Committee will soon be announcing the start of the 1981 Toys for Tots campaign. The program will start earlier this year and run shorter. Watch for posters and more details in DTW.

On the Move

The Sales Update and Competitive Update offices are moving to Parker Street on Nov. 11. Telephone extensions will not change. The mail stop is PK3-1/K48.

Smoke Out volunteers needed

Parker Street Health Services needs volunteers to support the Great American Smoke Out to be held on Nov. 19.

On this day, smokers are invited to a day of lung health by not smoking for 24 hours. Are you interested in helping your smoking friends and co-workers? How about having a smoke-free day at Parker Street? Please call DTN 223-4595 to find out how you can help.

Enrollment cards for Stock Purchase Plan due by Nov. 20

The next payment period for the Employee Stock Purchase Plan begins Dec. 1. Notification has been mailed to all eligible employees at their home addresses. Enrollment cards for the DECEMBER payment period must be at Investor Services by Nov. 20.

Employees who need enrollment packages should contact their Personnel Services Administrator (PSA). To insure timely receipt of statements of ownership and stock certificates, be sure to update your home address with your PSA.



BIRTHS

A daughter, Kristen Nicole, born Sept. 7 to Jan and Paul Vasil. Jan is a technical illustrator in Educational Services Development and Publishing at Parker Street.

A son, Ryan Bradley, born Sept. 21 to Dave and Michele Combs. Dave is a supervisor for P.S.I. in Marlboro.

A son, Jonathan Michael, born Sept. 24 to Frank and Denise Masullo. Denise is a financial analyst in Customer Services Finance. Frank is a technical writer in Educational Services Development and Publishing at Parker Street.

A son, Eric Christopher, born Sept. 29 to Jose and Connie Del Rio. Jose is an accounting assistant for Relocation in Maynard.

A son, Allan Fredrick, born Oct. 16 to Don and Cindy Waite. Don is a marketing communications specialist for the Large Computer Group in Marlboro.

A son, David Michael, born Oct. 17 to Michael and Cecilia Cinnamon. Michael is a senior software engineer for Diagnostic System Engineering at the Mill. Cecilia is a diagnostic release supervisor for Diagnostic Engineering in Tewksbury.

Adoption

A son, Barry Hamilton, Jr., born March 6, 1979 and adopted on Oct. 19 by Barry and Nancy Marshall. Barry is manager of Corporate Management Reporting in Maynard.

Dunk the "Func"

Marlboro gives in its own special way

Digital employees of the Far East organization located in Marlboro held a "Dunk the Functional Rep" event to raise money for the United Way. Debbie White-Rizzo, coordinator of the fund-raiser and personnel specialist, MO, reported that \$240 was raised that cold October day. That amount will be matched by Digital to equal \$480 which will go to community agencies selected by the United Way.

Employees paid for chances to dunk functional representatives into a tank of water.



The Far East organizations in Marlboro gather for their own special fund raising event for the United Way-Dunk the Functional Rep.



Is this a rodeo chute or maybe a water polo match? Duane Steil, MO, gets into the spirit of the United Way event.



Jerry Ramsey, MO, doesn't seem to mind the water or the cold autumn temperatures.

