

# Mini News

## News For The Employees of Data General

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May 3, 1985

### 10-Year Employees Visit The Magic Kingdom

More than 135 Data General-Westboro, Southboro and Milford employees will visit the Magic Kingdom in Orlando, Florida this weekend to celebrate their 10-year service anniversaries with Data General.

The group is among 240 Data General employees and their guests who were invited to visit Disney World and Epcot in recognition of their long-term service. The weekend event features two full days taking in the sights and sounds of the Magic Kingdom and a Saturday evening get-together reminiscent of the "sock-hopping" 1950s.

Since 1981, Data General has entertained nearly 500 employees at the Magic Kingdom for their years of service.

*President Given DATA GENERAL/One*

### Control Data Corporation Places 1000th Order

Data General has received its 1000th order from Control Data Corporation (CDC) of Minneapolis, Minnesota, an ECLIPSE MV/4000 computer. In recognition of the long-term vendor-customer relationship, President Ed deCastro presented a DATA GENERAL/One personal computer to Robert Price, CDC president and chief operating officer.

"Control Data Corporation has been a significant contributor to our growth. The company bought one of our first computers and today we are honoring them with one of our latest innovations," says Ed. The gift also included dual disk drives, a printer, Lotus 1-2-3 software and a connection to CEO Comprehensive Electronic Office software.

The occasion was celebrated with a life-size cake in the image of a DATA GENERAL/One computer.

CDC is a diversified computer manufacturer of a full-range of products, including mainframes and supercomputers. One of the first Data General NOVA

minicomputers, produced in the early 1970s, is among the broad range of products CDC has purchased from Data General.

CDC integrates Data General's systems with their own hardware and software products to create complete turn-key systems for such markets as manufacturing, energy management, health care and office automation.

Lotus 1-2-3 is a trademark of Lotus Development Corporation.



*President Ed deCastro (left) presents Control Data Corporation (CDC) President and Chief Operating Officer Robert Price with a DATA GENERAL/One portable computer and Executive One Service for CDC's 1000th order - an ECLIPSE MV/4000 system. The occasion was celebrated with a life-size cake, designed like the portable computer. Data General's Executive One Service is a new same-day exchange program, exclusively for DATA GENERAL/One owners.*

**Update On Private Data Network  
Dasher Road Race Map  
Inside Today**

## Federal Systems Division Creates Support Groups

The Federal Systems Division (FSD) has created product, marketing/sales support and business management organizations, reporting to Vice President Larry Holswade, to better address business opportunities within the United States government.

"Because of the tremendous business potential that exists within the federal marketplace, we recognize the importance of putting into place the proper support groups to help Data General satisfy the government's need for computer equipment," says Larry. "This announcement is the next phase in the logical evolution of our division's structure to support the growing Data General presence in the federal market.

"Two areas that specifically require unique and strong organizations are long-range program marketing and program management," adds Larry. "Director Phil Thomas will add these functions to his responsibilities. The federal market also requires special development activities and business management support. Therefore, FSD will have three major organizations."

**The Products** group, managed by John Williams, is responsible for defining and meeting the product requirements of the federal government and prime contractors. Reporting to John is Product Management as well as a development group at Research Triangle Park (RTP). Stan Perry of RTP will head the development organization which initially will be responsible for Tempest products.

**The Marketing Programs** area, led by Director Phil Thomas, will plan and implement both long- and short-term marketing support, marketing communications and market planning activities. Reporting to Phil are the Program Management, Market Development and Program Marketing functions.

**The Business Management** group, led by Manager Art Nolan, is responsible for supporting the Federal Sales force in its business endeavors. The group is made up of the Business Planning, Contract Support and Major Program Support departments.

## Prices Lowered On DATA GENERAL/One

Data General has lowered prices by up to \$600 on the most popular models of the DATA GENERAL/One portable personal computer. The price for the most commonly sold configuration, which includes two 3.5 inch diskette drives and 256KB of memory, has been reduced by 15% to \$3495 from \$4095.

According to Alan Oppenheimer, director of Dealer Marketing, "Prices have fallen on several of the

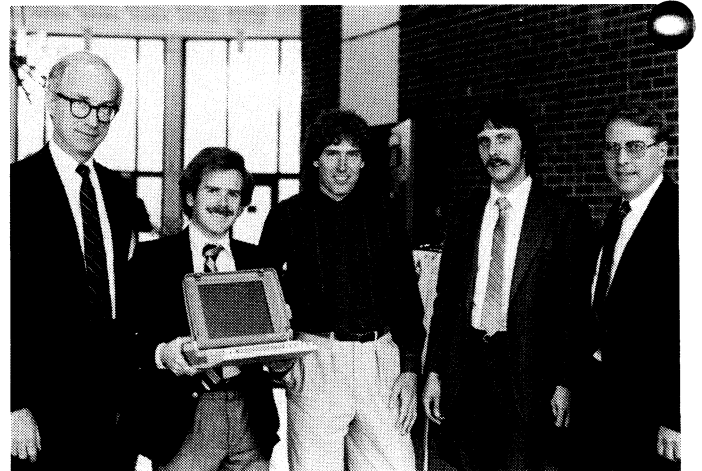
components contained in the DATA GENERAL/One. As our suppliers have brought leading edge components such as CMOS semiconductor chips and liquid crystal displays into full production they have been able to reduce prices. As a result, we are now able to pass these cost savings on to dealers and their customers."

Data General will provide price protection to its dealers for up to 100% of current inventory purchased in the last 30 days or 75% of current inventory purchased in the last 60 days.

New prices for the DATA GENERAL/One are:

Configuration	New Price	Amount Reduced
128 KB / 1 drive	not offered	-----
256 KB / 1 drive	\$2995	\$500
256 KB / 2 drive	\$3495	\$600
256 KB / 1 drive, modem	\$3295	\$500
256 KB / 2 drive, modem	\$3795	\$600
512 KB / 2 drive, modem	\$4995	\$600

## Symposium Generates Innovative Ideas



Employees from Data General Manufacturing plants throughout the United States and Far East submitted proposals on how to enhance the Manufacturing process in order to increase productivity at the Third Technical Symposium. Tracey Zellmann (far left), director of Advanced Manufacturing Engineering and Technology, along with Senior Vice President of Manufacturing Dave Chapman (far right) present DATA GENERAL/One personal portable computers to prize-winning authors (left to right) Perry Engle of Portsmouth, Wade Aichorn of Westboro and Glenn Rinne of Portsmouth who won first place with their proposal entitled "Laser Scanning For Non-Contact Integrated Circuits."

Westboro employees Wade Aichorn, Linda Gordon, Robert Poirier and Cheryl Sharie were among employees from Manufacturing plants worldwide cited at the third Technical Symposium for their proposals on how to enhance the Manufacturing

process in order to increase productivity. The Symposium on "Operational and Technical Excellence in Manufacturing" was held Tuesday, April 23 and Wednesday, April 24 at Data General-Woodstock.

"Laser Scanning For Non-Contact Integrated Circuits (ICs)" was chosen by symposium participants as the best of the 55 papers submitted in response to a "call for papers" to Data General Manufacturing plants throughout the United States and Far East.

The prize-winning proposal was submitted by Wade Eichorn of Data General-Westboro and Perry Engle and Glenn Rinne of Portsmouth.

The paper details a laser photoscanning technique for testing semiconductor devices. It further describes the physics of optical processes in semiconductors, the history of laser scanning investigations and a comparison of laser scanning testing with current testing of ICs.

Linda Gordon and Robert Poirer submitted a paper entitled "Practical (R) Evolution Of An Expert System," which was chosen as one of the top 10 proposals.

Cheryl Sharie also of Westboro presented a paper entitled "The Use Of Accelerated Testing To Demonstrate System Level Reliability Goals,". Her paper was selected as one of the top 10 proposals.

Terry Morris of Apex took second place with his paper entitled "Open Inner-Layer Traces in Multi-layer Printed Circuit Boards."

Steve Large of Westbrook won third place with his paper entitled "A Low Cost Real Time Quality Reporting System."

The authors of the three winning papers each received a DATA GENERAL/One personal portable computer system, complete with 512 K memory; LOTUS 1-2-3, Word Professional and Comprehensive Electronic Office CEO Comprehensive Electronic Office Connection software packages; a printer and modem.

"The papers heard at this symposium represent opportunities to improve the Manufacturing process in terms of its ability to generate high quality products at the lowest cost," commented Dave Chapman, senior vice president of Manufacturing.

According to Tracey Zellmann, director of Advanced Manufacturing Engineering and Technology, "The symposium represents the community and sharing of innovative ideas within Manufacturing. The proposals are recognized for their innovation and their contribution to our business. I consider them all winners."

Manufacturing employees were invited to submit an original and creative idea that makes or has the potential to make a significant contribution to Data General's Manufacturing operations.

All papers were submitted to peer groups on the first day of the Symposium. Dave Chapman, along with other Manufacturing vice presidents, directors and managers participated in the final evaluations. The top papers will be presented at the Manufactur-

ing Management Conference at the end of this month.

Other top contributors were:

- James Tarpley of Austin - "Fiber Optics Based LANS For Factory Automation."
- Darlene Mize, Thomas Moore and Rick Lamm of Clayton - "Semi-Additive."
- Robb Swanson of Southboro - "An Asynchronous Communications Package For MP/AOS-SU."
- Rick Watts of Clayton - "ECAPS - Everett Charles Automated Programming System."

## Packet Network Notes



*Project Leader Patti Mello and Dean Williams, manager of Corporate Telecommunications, in the Network Control Center in Westboro.*

Corporate Telecommunications is implementing a world-wide private data network to improve data communications between Data General sites and to curb escalating costs. When the domestic segment of the network is completed, later this year, more than 100 locations will be connected.

During April equipment for switching data was installed and tested at the nine Data General locations (designated nodes) that form the backbone of the U.S. network. The sites are Westboro, Schaumburg, IL., Sunnyvale, CA., Manhattan Beach, CA., Fountain, CO., Austin, TX., Research Triangle Park, NC. and Norcross, GA.

Westboro and Milford are now connected via the private network. A total of 28 hosts in Westboro and 11 hosts in Milford can communicate over the private system instead of using public packet service - GTE Telenet. The transmission path between the two locations is Data General's private microwave system. All node locations are expected to have the ability to communicate over the private network this week.

The Finance group that relocated from Westboro to Manchester, New Hampshire last month, is connected to the network. The data communications

requirements for its hosts, FIN6 and FIN7, are being handled by the private network.

### **Control Center Staff**

The Network Control Center is the focal point for the network. Employees in the newly-formed group which is responsible for the implementation and operation of the network are the following:

- Darrell Alford, Telecommunications engineer, has been with Data General for nine years, most recently as a National Software Technical Support engineer in Milford.
- With Data General more than three years, Mike Barrett joins the group from Network Software Development where he was a technician.
- Supervisor Phil Martel, a Telecommunications engineer, has been with Data General for 12 years.
- Coordinating the implementation of the private network is Project Manager Patti Mello who has been with Data General more than a year.
- Mike Pond, Network Control Center operator, has been with the company 12 years. He was previously a Telecommunications equipment installer.

## **On-Line Information Systems Seminar Is May 17**

Field Engineering is conducting a one-day seminar on on-line systems Friday, May 17, at the Field Engineering Education Center in Woodstock, Connecticut. All interested employees, particularly those involved in the care and feeding of on-line information systems are invited, with prior approval of their managers.

Another seminar is planned for Monday, June 3, entitled "Support Services: The Competitive Environment."

For reservations contact Linda Tuite at extension 3810 in Westboro.

## **Third Annual PRIDE Circle Conference Is May 8-10**

More than 100 PRIDE Circle members and leaders from domestic Manufacturing and Field Engineering locations will participate in the third annual PRIDE Circle Conference to be held May 8 - 10 at Data General-Woodstock.

"The Difference is PRIDE" is the theme of the event, which will feature workshops in managing conflict, picking an effective project, benefits analysis and decision trees. Many special events are planned and several guest speakers will address attendees during the three-day conference.

## **Corp. Employee Relations Assigns Responsibilities**

With the addition of *Steve Taylor* as Employee Relations counsel, Corporate Employee Relations has realigned responsibilities.

Steve is handling employment-related legal and immigration matters, and providing employment law training and counsel for managers and supervisors.

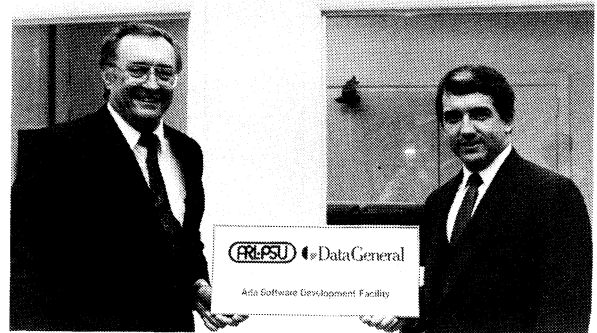
*Mike Albert* is now devoting full time to his responsibilities as manager of Equal Employment Opportunity Programs.

*Mike Murphy*, manager of Employee Relations Programs, is responsible for development of Human Resources Policies and Procedures, Human Resources Communications and Employee Activities.

Steve joined Data General from the Atlanta law firm of Ford and Harrison. He received his law degree from Southern Methodist University; holds a master's degree in labor relations from Cornell University; and received his bachelor's degree from the University of Tennessee.

Steve, Mike Albert, Mike Murphy and Head Nurse Nancy Powers report to Tom Gately, director of Employee Relations.

### **ECLIPSE MV/10000 Donated To Penn State University**



*A Data General ECLIPSE MV/10000 system will provide main support for an Ada Programming Education Center established at Pennsylvania State University at the State College. The initial objective of the new center within the university's Applied Research Laboratory is to provide undergraduate instruction and graduate study in the Ada programming language. Representing Data General at the donation ceremony late last month were Phil Thomas (right) Marketing director within the Federal Systems division; Donations Administrator Dave Dimmick and Sales Representative Scott Pavlot. Leonard Holliday, (left) assistant professor of engineering research at the University, accepted the donation, valued at more than \$345,000.*

## Westboro

### Video Tape On DATA GENERAL/One

A video tape detailing testimonials from DATA GENERAL/One portable computer dealers and their customers will be shown in the cafeteria Tuesday and Wednesday from 11:30 a.m. to 1 p.m. Entitled "DATA GENERAL/One Dealer Success Story," the eight-minute video tape will also be shown to recruit dealers at the COMDEX Trade Show in Atlantic May 6 to 9.

### More Than 130 At Seminar On Artificial Intelligence

"We intend to move Data General's Field Service operation to and beyond the forefront of today's technology," said Fred Cochrane, vice president of Field Engineering and Engineering Services at the sixth "Generation Ahead" seminar held last month at Data General-Woodstock. More than 130 Data General employees attended.

The conference, entitled "Artificial Intelligence (AI) and Expert Systems," focused on the definition, utility and application of AI in industry.

Noted authority Dr. Henry Eric Firdman presented the practical aspects, stating, "The realities of today's competitive marketplace are forcing Artificial Intelligence out of the academic world and into industry, where it is viewed as a potentially cost-effective solution to a variety of problems."

Pointing out mythical as well as authentic pitfalls of AI-driven project development, Henry cautioned attendees, "You have to be careful who you deal with, both in terms of cost and expertise."



*During a break in the recent Artificial Intelligence seminar, Dr. Firdman talks with a few attendees.*

• Data General  
Manufacturing Technology Institute  
MTI

### Mfg. Technology Institute Offers Courses In Materials

The Manufacturing Technology Institute, in collaboration with Corporate Material and Manufacturing Control is introducing a series of APICS (American Production and Inventory Control Society) Certification courses to be offered in-house.

Tom Simeone, manager of Integrated Circuits Planning and Purchased Peripherals; Brian Dufresne, manager of Materials Planning, and Bruce Neff, director of Materials and Manufacturing Control, are working with Arthur John and MTI to bring an integrated series of four courses to Data General. The first series will be for Westboro and Southboro employees.

This MTI and Corporate Materials program will offer students an opportunity to receive Data General Certificates, APICS Certification, and undergraduate college credits which may be applied to degree programs at several area colleges and universities.

Fifty participants have been nominated for the initial offering which will be an Materials Requirement Planning (MRP) course beginning on Tuesday, May 14, and running for nine weeks. Three other courses in the APICS series, Inventory Management, Master Planning, and Capacity Planning/Production Activity Control, will be scheduled sequentially, preparing



*Dr. Henry Firdman defines Artificial Intelligence to more than 130 Data General employees.*

students for each APICS Certification exam.

MTI will work with other sites to assist in the sponsorship of similar on-location programs in the near future. A standardized training package will be available to provide a common point of reference for materials knowledge and information throughout the corporation. As this program is offered at different locations, the standardized package will provide ease of transportation and facilitate in the training and qualification of instructors. Further information about these plans may be obtained from MTI Project Leader Clark Burrows.

Lee Henning, vice president of Materials and Manufacturing Services, emphasizes the importance of the technical skills which the MTI will address for all Manufacturing employees. Lee states that "This is a positive step toward the goal of expanding the skills and knowledge of our manufacturing and material logistics professionals."

In addition to certificates and college credits, the APICS program offers employees the opportunity to increase their professional knowledge and skills in the areas of materials planning and management, as well as production control. This series of MTI studies will enhance job performance and career growth for Data General's materials professionals to the benefit of all.

The Manufacturing Technology Institute will be working on a continuing basis with Corporate Material and Manufacturing Control and plant locations to make advanced studies in materials available to Data General personnel.

## High Technology Firms Back FAIR Plan

How does a state government acquire the finance needed to pay for projects?

Can it implement new taxes whenever it needs cash to fund those projects?

Those are questions which increasingly are being asked these days within Massachusetts, as the state is raising the funds to repair its roads, bridges and overall transportation infrastructure.

To acquire the monies to do that, Governor Michael Dukakis is pressing forward with MassBank II, a proposal which would require Massachusetts-based companies, such as Data General, to pay a "unitary" tax based on their world-wide profits, rather than profits generated within the state or country. It would raise business taxes in the state at a time when the state is running a surplus in tax revenues that many expect to reach \$300 million this year.

The Massachusetts High Technology Council (MHTC) opposes Dukakis' MassBank II proposal. It would result in the double taxation of corporations, and in some instances provide an unfair advantage to foreign competitors.

In a recent statement to the Massachusetts Joint Committee on Taxation, MHTC President Howard Foley said, "At a time when the general direction of state tax legislation across the country is away from broad unitary allocation formulas, the administration is proposing a broad discretionary piece of tax legislation which runs counter to this national trend.

"The High Tech Council continues to believe that all citizens of Massachusetts would best be served by maintaining the existing system of separate accounting, because it requires the payment of state taxes to Massachusetts only on income actually earned in Massachusetts and is the most constructive means of promoting economic development."

The MHTC is urging the state Joint Committee on Taxation to adopt legislation prohibiting the use of a world-wide unitary apportionment. The organization supports Representative Richard T. Moore's (D-Uxbridge) plan for "Financing Alternatives for Infrastructure Repair" (FAIR). MHTC Chairman Arthur Goldstein says the plan "does not contain new taxes or anti-investment tax tinkering; does not establish new independent, off-budget authority; does not require reduction in currently authorized expenditures; and does not distort the clear signal or the credibility or our dedication to keeping the old

### DATA GENERAL/One Software Catalog Ready



*The new DATA GENERAL/One Software catalog has rolled off the presses, offering detailed write-ups of more than 140 software packages currently available on 3.5-inch diskettes. It contains a wide selection - from word processors and data base managers to graphics and educational packages. Available are dozens of the most popular programs, including Lotus 1-2-3, Data Base II and III, WordStar Professional, Flight Simulator II, SuperCalc 2 and 3, and Volkswriter Deluxe. The catalog also lists many compatible software packages that can run on the DATA GENERAL/One personal computer by using the optional 5.25-inch external disk drive, as well as sections on accessories and service options.*

“Taxachusetts” image locked up so it can’t be allowed to escape again.”

Ed de Castro, an MHTC Director, along with the CEOs of GenRad, Prime, Millipore and other MHTC members, recently addressed a letter to the taxation committee expressing his support of the FAIR Plan bill which “would effectively fund the long-needed repair work needed to bring the Commonwealth’s transportation ‘infrastructure’ up to acceptable conditions.” Ed added that “this proposal accomplished this important task in an economical and fiscally sound manner without creation of new authorities or new taxes.”

During the past six months, a number of state legislatures have either voted to roll-back or completely repeal unitary tax laws. This trend away from restrictive unitary tax law is supported by Data General.

But, the issue of unitary tax is far from resolved. Until all states establish a nationally uniform procedure, U.S. corporations will continue to be subject to unfair taxation.

## Educational Services Courses For Employees

Educational Services is offering the following hardware, software and CEO Comprehensive Electronic Office courses to Data General employees. All courses will be held at the Education Center, 2400 Computer Drive. Supervisor’s approval is required prior to registration.

Classes range in length from one-half day to ten days; most are five days long. Course numbers ending in E indicate that the class is offered to employees only. For course information or to enroll, call Central Registration and Information in Westboro at extension 4079 or 4096.

Start Date	Course Number	Title
5/6	S101	Fundamentals of Assembly Language Programming
	S140	Intro to Data Communications
	S222	Managing CEO (Non-Technical)
	S406	INFOS II Database Design
	SM412E	AOS/VS System Performance Workshop
	H100	Data General Computer Architecture
	H168	ECLIPSE MV / 10000 Field Maintenance
5/8	S220	XODIAC System Manager
5/13	S105	ECLIPSE Assembly Language Programming
	S219	AOS System Manager
	S219/VS	AOS/VS System Manager
	OA145E	Getting Started with PRESENT
	H101	Diagnostic Operating System User
	H105	NOVA 3 Field Maintenance

Start Date	Course Number	Title
5/14	OA146E	Getting Started with the CEO Spreadsheet
5/15	S160E	Using the CLI
5/16	S221	Managing CEO (Technical)
5/17	S161E	CLI Macros
5/20	S110	Fundamentals of COBOL Programming
	S209	AOS & AOS/VS User
	S304	RDOS System Programming
	S306E	INFOS II Utilization & Design
	S309	AOS System Programming
	S316	DG/DBMS Utilization & Design
	S416	DG/DBMS Database Design
	SH109/VS	AOS/VS Operator Training
	OA141	Getting Started with CEO Word Processing
	H120E	ECLIPSE S120 Field Maintenance
	H305	NOVA 3 Component Level
5/22	H123E	DATA GENERAL/One Field Maintenance
	OA143	Intro to CEO Mail & Calendar
5/24	OA146	Getting Started with the CEO Spreadsheet
5/28	S219/VS	AOS/VS System Manager
	OA144	Executive CEO Mail & Calendar
5/29	OA145E	Getting Started with PRESENT
	S142	PRESENT for Programmers
5/30	OA146E	Getting Started with the CEO Spreadsheet

*Mini News* is published weekly for the employees of Data General-Westboro. Material may be submitted for publication to Joan Simoneau, extension 4711, MS A235. Data General - An Equal Opportunity Employer.

## Activities



### **Canobie Lake Here We Come**

Hundreds of Data General employees and guests will travel to Salem, New Hampshire Saturday, May 11 for a day of fun at Canobie Lake Amusement Park. The park opens at 10 a.m. with coffee, tea, milk and donuts served to early arrivers.

Rides will start at 11 a.m. and a tempting buffet lunch, featuring hamburgers, hot dogs, barbecued chicken, corn-on-the-cob and all the fixin's will be served at noontime.

Hurry and order your tickets today or you will be too late.

### **Summer Outing Schedule**

May 11	Canobie Lake Park Salem, N.H.
June 15	Data General Night At The Boston Pops Symphony Hall, Boston
July 13	Country Western Barbecue At Indian Ranch, Webster, MA.
July 20	Provincetown Cruise Commonwealth Pier, Boston
August 10	Beach Party At Steep Hill Beach Crane's Estate, Ipswich, MA.
August 24	Red Sox VS Minnesota Twins Fenway Park, Boston
September 14	Riverside Park, Agawam, MA.
October 5	Edaville Railroad, Carver, MA.

### **Softball Get-Together**

The Data General Softball League will sponsor a spring get-together on Friday, May 17, at the Ashland Knights of Columbus Hall, starting at 7:30 p.m. Employees interested in becoming participants in the softball league are invited to attend. This is a good chance for new members to get to meet the old. Refreshments will be served.

### **Road Race Entry Deadline Is Today**

Today is the last day to enter the Dasher Road Races scheduled for next Friday, May 10. Participants have their choice of several events, including a 10K foot race, a 3-mile foot race, a bike race and a biathlon. Bike race participants are required to wear helmets.

### **Race Routes**

All races will begin at 5:15 p.m. sharp from the rear of Building 14A in the east corner of the north parking lot.

### **Race routes are the following:**

If you are participating in the road race, take a careful look at the routes:

**10K And 3-Mile Foot Races** - Starting line in the rear north parking. Runners will head off behind Buildings 14A and 14B past the access road to 2400 Computer Drive, around and out the main driveway onto Computer Drive. From that point the race route will remain the same as in the past until runners return to the main driveway into Data General. ALL runners must enter the driveway, run straight back to the rear of Building 14A and finish where the race began.

**15-Mile Bike Race** - Bikers will start at the same time and same place as the runners except bikers will proceed directly out the driveway past Building 14A onto Computer Drive. From there the route is as follows: left across Rt. 9, right on Flanders Rd., right onto Rt. 30 straight to intersection of Rt. 30 and Rt. 85 into Southboro, right turn onto Rt. 85, right onto Flanders Rd., right onto Rt. 46S to Computer Drive, to the main entrance of Data General, straight down the driveway, past Building 14A, finishing where the race had begun.

**Biathlon** - Combine the 15-bike race with the 3-mile foot race.

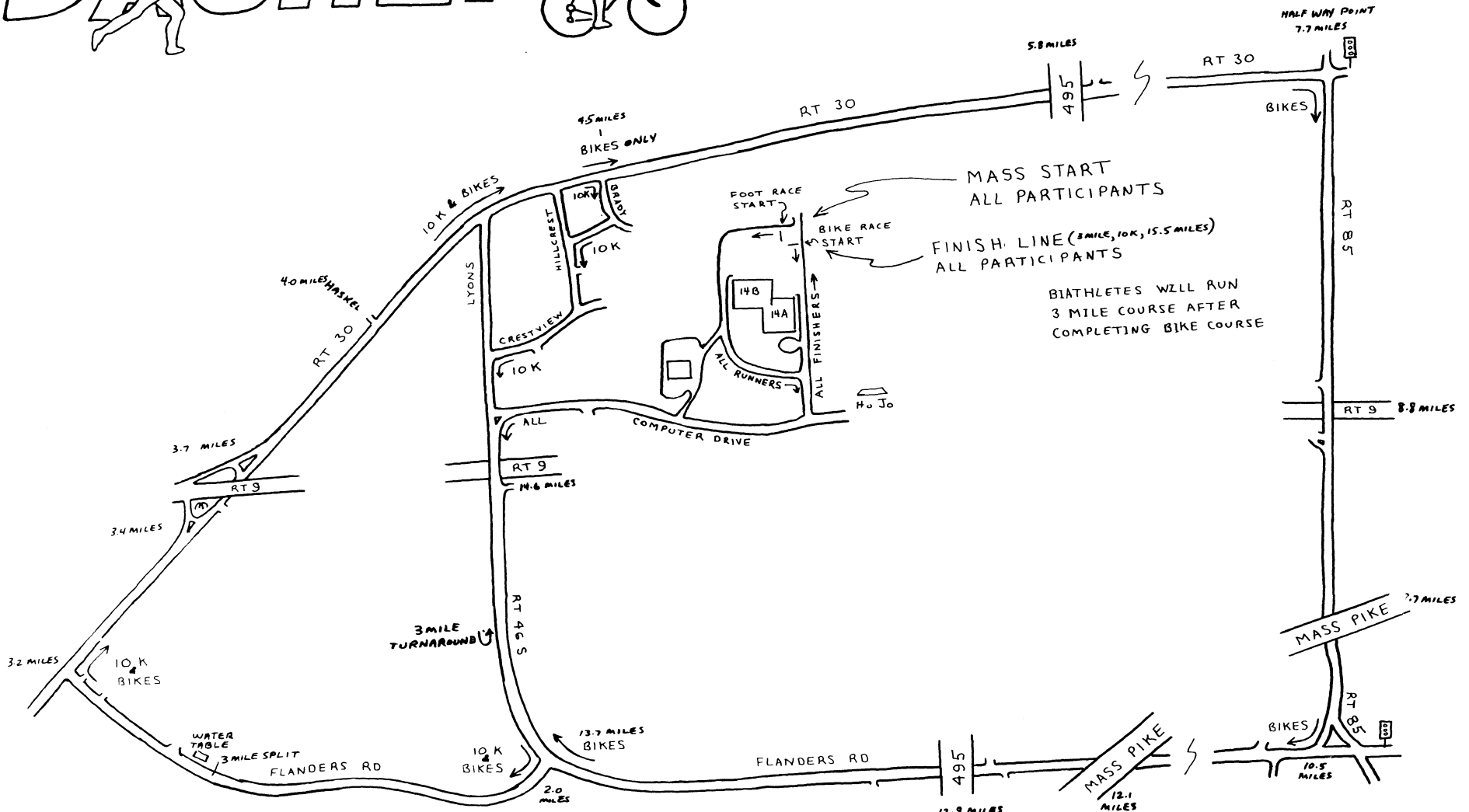
**NOTE:** At 5:10 p.m all outgoing traffic from the rear (north) parking lots will be diverted via the Training Center (2400 Computer Drive) access road. At the start of the races (5:15 p.m.) all vehicles will be asked to stop until the racers have passed. Caution should be exercised when passing bikers or runners on the roads.

### **Hams Needed For Dasher Road Race**

The Data General Amateur Radio Club is seeking amateur operators to provide communications for the Dasher Road Race on Friday, May 10. Radios will be available for those not having two-me capability. If you would like to help out, contact Pete Simpson at extension 6837 in Westboro (SIMPSON P:MERCURY). You will also need to fill out the race entry form which appeared in last week's *Mini News*.



# DASHER



MASS START  
ALL PARTICIPANTS

FINISH LINE (8 MILE, 10K, 15.5 MILES)  
ALL PARTICIPANTS

BIATHLETES WILL RUN  
3 MILE COURSE AFTER  
COMPLETING BIKE COURSE

(MAP IS NOT TO SCALE)

**Summer Tennis Ladder  
Will Swing Away May 13**

The Data General Tennis Club is gearing up for the second annual tennis ladder. The ladder activity is available to all employees of all levels. So dust off your rackets and send in the following information request form. You will receive a registration packet with all necessary information.

<p><b>Data General Tennis Club Entry Form</b></p> <p>Name: _____</p> <p>MS: _____</p> <p>Return to: DG Tennis Club MS E111, Westboro</p>
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**Twenty Data General Runners  
In Cross Country Race**

Twenty runners from Data General placed well in the Corporate Team Marathon Cross Country Relay Race held Saturday, April 27, at Curry College in Milton, MA. Each team of 10 ran a full marathon of 26.2 miles, with each member running 2.6 miles of cross country trails. More than 70 teams competed with Data General placing 25th and 50th.

**A Team**

Graham Entwistle  
Tom Arns  
Anne Kennedy  
Fran Holland  
John Frost  
Jim Mumford  
Mike O'Leary  
Bill Dressler  
Don Shaw  
Mark Thomas  
3:08:44

**B Team**

Eddie Amoakuh  
Dave Bultman  
Steve Pelletier  
John Foley  
Lucy France  
Zoe Piliero  
Rich Reeves  
Mark Hummel  
Joe Kidder  
Jeanne Hummel  
3:39:26

**Wednesday 5:00 P.M.  
Tenpin Bowling League**

With one week remaining in the season, many teams are scrambling to make the roll-offs. The two top teams in each division become eligible for this competition.

Already entered because of their finish in the first half of the season are the following teams:

**First Division:**

- Team 4 - Phyllis Smalley, Martha Peacock, Linda Johnston and Al Ramstrom.
- Team 5 - Carol Gagnon, Keith Williams, Jo Dudek

and Bruce Pardee.

**Second Division:**

- Team 14 - (Awesome) - Dick and Joan Kirejczyk, Tim and Roberta Daly.
- Team 16: (Pinheads) - Dave Zeek, Paul Coles, Jim Donaghey and Jon Borglund.

The following have made the roll-offs in the second half:

- Team 7 (Hit Men) - Wayne Wright, John O'Donnell, Jay McGonnell and Bob Sullivan.
- Team 10 (We Bowls) - Alan Oberle, Don Perkins, Charlie Suffen and Peter Rubenstein.

Teams competing for the remaining position in the first division are:

- Team 1 (Phantom Four) - Frank Gomes, Joe Valof, Jim Gradilone and Dan Lupa.
- Team 8 - Donna Sprague, Jim Cusson, Vinny Rubeo and Don Eberlin.

Those contending in the second division are:

- Team 9 (Fab Shop 4) - Paul Barker, Bill Wiggins, Paul Delsignore and Alex Marusa.
- Team 15 - Kay Murray, Chris Woods, Sherry Ramstrom and Elsie MacDonald.

This week's bowling will determine the final alignment for the coming roll-offs.

**Ten Pin Summer League  
Will Roll May 14**

The Data General 7 p.m. Ten Pin Summer League will begin to roll Tuesday, May 14, at Lincoln Lanes in Worcester. All interested bowlers contact Scott Bryant at extension 3210 in Westboro. Substitutes, as well as regular bowlers, are needed. To sign up, use the following registration form:

<b>Team Registration:</b>	
Name: _____	
Extension: _____	MS: _____
Name: _____	
Extension: _____	MS: _____
Name: _____	
Extension: _____	MS: _____
Name: _____	
Extension: _____	MS: _____

<b>Individual Registration</b>	
Name: _____	
Extension: _____	MS: _____
<input type="checkbox"/> Regular Member	<input type="checkbox"/> Substitute
(Please check one)	

## MARKETPLACE

### CARPOOL

**Carpool**, from Brookline/Brighton area to Webo/Sobo, 8-4:30, flex, Marge X6441.

**Je Needed**, from Brighton/Newton corner to Webo, 8:30-5, Nancy x4160.

### LOST

**Owl Lapel Pin**, if found call Paula x4091.

### FREE

**Dog**, male Brittany Spaniel, 4 yrs old, housebroken, 365-3598 (Clinton).

### FOR RENT

**Condo**, slps 3, rent for season/weekly, East Dennis, 528-6847 (Franklin).

**House**, West Yarmouth, avail May-Sept, close to beach, \$400/wk, 473-1358 (Milford).

**Apt**, Woonsocket, 2nd fl., 5 rms, new bath, kitchen, ceilings, \$400/mo, 966-1103 (Bellingham).

**House**, N. Framingham, 4 bdrm colonial, avail July 1, \$1400/mo, 877-6819 (Framingham).

**House**, on lake, 3 bdrms, deck, dock, woodstove, \$900, 435-4486 (Hopkinton).

**Motorhome**, '84 Tioga Arrow, slps 6, self-contained, all options, \$500/wk w/600 free mi, 533-2184 (Medway).

**Dennisport Cottage**, slps 7, 300 yds to beach, avail June-Sept, 533-2184 (Medway).

**Dennisport Cottage**, avail 6/1 - 9/28, 6 rms, enclosed porch, sundeck, walk to beach & restaurants, 471-0513 (Quincy).

### WANTED

**Person**, to clean yard, 562-7296 (Hudson).

**Baby Furniture**, incl crib & other accessories, 872-9894 (Framingham).

**Apt**, 4 rm in 2 family house in Hudson/Marlboro area, 458-8931 (Lowell).

### FOR SALE

**Items**, Montgomery Ward air conditioner, 15,000 BTU, used 4 mos, \$350/BO; wheels, 4/15in, 6 lug rims for Chevy truck, 1-13 in Chevy donut tire, BO, 792-0484 (Worcester).

**Items**, Magic-Clean Range, brn w/warmer, \$50; set of 4 radial tires on 13 in Ford rims, \$80, 476-7882 (Douglas).

**AKC German Shepherd Pups**, call Ken, 877-3290 (Framingham).

**Maytag Washer**, refurbished, white, \$200/BO, 853-4222 (Worcester).

**Kenmore Gas Dryer**, white, \$75, 828-2077 (Canton).

**Racquet Unlimited Membership**, \$31.50/mo, no payment until June 1, 881-5239 (Ashland).

**Layton Travel Trailer**, 17 ft self-contained, slps 6, used 2 seasons, \$500, 568-8671 (Hudson).

**Items**, Girls' 24 in Sears bike, \$12; Scottlawn spreader, \$12; T1/99 Home Computer w/built in BASIC & cable for audio recorder, \$60, 877-8111 (Framingham).

**Dinghy**, fiberglass, tows/rows, wine glass stern, \$500, 237-6233 (Wellesley).

**Railroad Ties**, 18, \$9/ea., 485-2169 (Marlboro).

**Amerex Rowing Machine**, \$225, 879-7013 (Framingham).

**Down Coat**, woman's sz med., black, street length, \$75/BO, 484-1639 (Belmont).

**Amplifier**, Kenwood KA7100 Watts per Channel Amp, \$200, 562-5437 (Hudson).

**Items**, Freezer Upright, 22 cu ft, 2 yrs old, \$300; DP workout bench w/weights, \$100, 756-4663 (Shrewsbury).

**Glastron Ski Boat**, 80 hp. engine, trailer, full package, 853-0889 (Worcester).

**Sofa & Arm Chair**, custom made, modern, low-back, teak look frame & sides, Haitian cloth, \$645, 384-3292 (Wrentham).

**Appaloosa Horse**, 4 yrs old, marking on rear, \$800; also 2 avail stalls, \$100/ea, 839-6075 (Grafton).

**Items**, compound bow, 31 in draw w/hunting arrows, \$80; Subaru rims, set of 4, 2 w/tires, \$10/ea; Detto Pietro sz 40, bicycling shoes w/cleats, \$22; Bata bicycling sneakers, 2 pr, \$10/pr, 464-5347 (Princeton).

**Tires**, 4 Sears, sz G78-14, \$100, 528-2496 (Franklin).

**Skis**, Narthland, 195 in, \$50/BO, 481-5674 (Marlboro).

**House**, 2 family, 3 bdrms each apt has separate util, hardwood floors, 473-4347 (Milford).

**Apple II**, 2 drives, 128 RAM, 80-col, joystick, Prowriter printer & graphics controller, \$1675, will sell separately, 368-8654 (Clinton).

**3 HP Outboard Motor**, Aquabug (Tanaka), 3 yrs old, \$175, 481-7296 (Southboro).

**Tires**, new 12 in Sears steelbelted radials, 4 for \$100, (203) 935-5262 (Thompson, CT).

**Queen Sleeper Couch**, 4 mos old, \$500/BO, 966-0229 (Bellingham).

**Tires**, PRO-TRAC, series 60, \$60/pr/BO, 655-3039 (Natick).

**Tent**, 4 season, Eureka Caddis, nylon, \$75, 366-7283 (Westboro).

**Skis**, K2 - 61- FO racing skis, 180 cam, w/Tyrolia 360D bindings, \$100, 845-8921 (Shrewsbury).

**Items**, car mask fits Mustang 79-83, \$55; 1 pr Firestone 721, 185/75/14 mounted, \$150; 1 pr 721 185/75/14 unmounted, \$100, used 2 wks, 829-2967 (Holden).

**Bunnies**, 529-3181 (Upton).

**Stereo**, Sanyo DCR 250 digital display, 845-8921 (Shrewsbury).

**Sears Lavatory**, w/green sink, \$120, 366-4399 (Westboro).

**Refrigerator**, Kelvinator, side-by-side, harvest gold, 24 cu. ft, \$275, 792-3098 (Worcester).

### AUTOS

'62 **Willys CJ5 Jeep**, 3 spd standard, rebuilt 4 cyl flathead engine, A/T tires mounted on western mags w/locks, AM/FM w/40 watt power booster, needs transmission, \$1000, 478-2668 (Milford).

'67 **GTO 1400**, 4 spd, new brakes, rally dash, engine works but needs work, \$2000/BO, 655-3039 (Natick).

'71 **Buick Skylark**, 68K mi, PS/PB, 350 ci engine, regular gas, \$700, 263-0658 (Acton).

'73 **Honda 350CC**, 1 owner, \$350, 234-6701 (Whitinsville).

'74 **Opel Manta**, body damage, \$500, 366-4183 (Westboro).

'75 **Chevy Nova**, 82K mi, 6 cyl, 2 dr, \$1000/BO, 366-4399 (Westboro).

'76 **Kawasaki/KG500 Triple**, new battery, \$475/BO, 476-7882 (Douglas).

'76 **Mercury Monarch**, AC, PS/PB, 2 dr, new tires, exhaust, \$1100, 655-3421 (Natick).

'76 **Kawasaki KH400**, 2 cycle, 3 cyl, new tires, helmets, \$550, 755-5366 (Worcester).

'77 **Pontiac Grand Lemans**, 8 cyl, 301 eng, PS/PB, AC, \$1700, 875-6860 (Framingham).

'77 **Chevy Malibu**, sm 8 cyl, 4 dr, PS/PB, 25K mi, \$1700/BO, 792-9063 (Worcester).

'78 **Camaro**, 305 V8, PS/PB, 4 new Goodyear Eagles, mounted on rally wheels, \$3500/BO, 234-2961/234-3368 (Whitinsville).

'78 **Firebird**, t-top, silver, loaded, \$3700, 865-9695 (Millbury).

'78 **Mercury Bobcat**, 2 dr hatch, 24K mi, 4 cyl, auto, \$2800/BO, 792-9063 (Worcester).

'79 **Buick Park Ave. Electra**, loaded, 473-4347 (Milford).

'79 **Chevy Malibu Classic**, 6 cyl, snrf, AM/FM/cassette, equalizer, 58K mi, \$2700/BO, 839-6075 (Grafton).

'80 **Yamaha**, 1900 mi, BO, 562-7296 (Hudson).

'80 **Chrysler LeBaron**, 46K mi, 4 dr, white, \$3700, 792-3098 (Worcester).

'81 **Honda Accord**, 4 dr, 5 spd, AC, new tires, brakes, \$5800/BO, 229-6062 (Burlington).

'82 **Renault Fuego Turbo**, AC, snrf, 4 spkr AM/FM/cassette, Alloy wheels, shadow pkg, 435-6357 (Hopkinton).

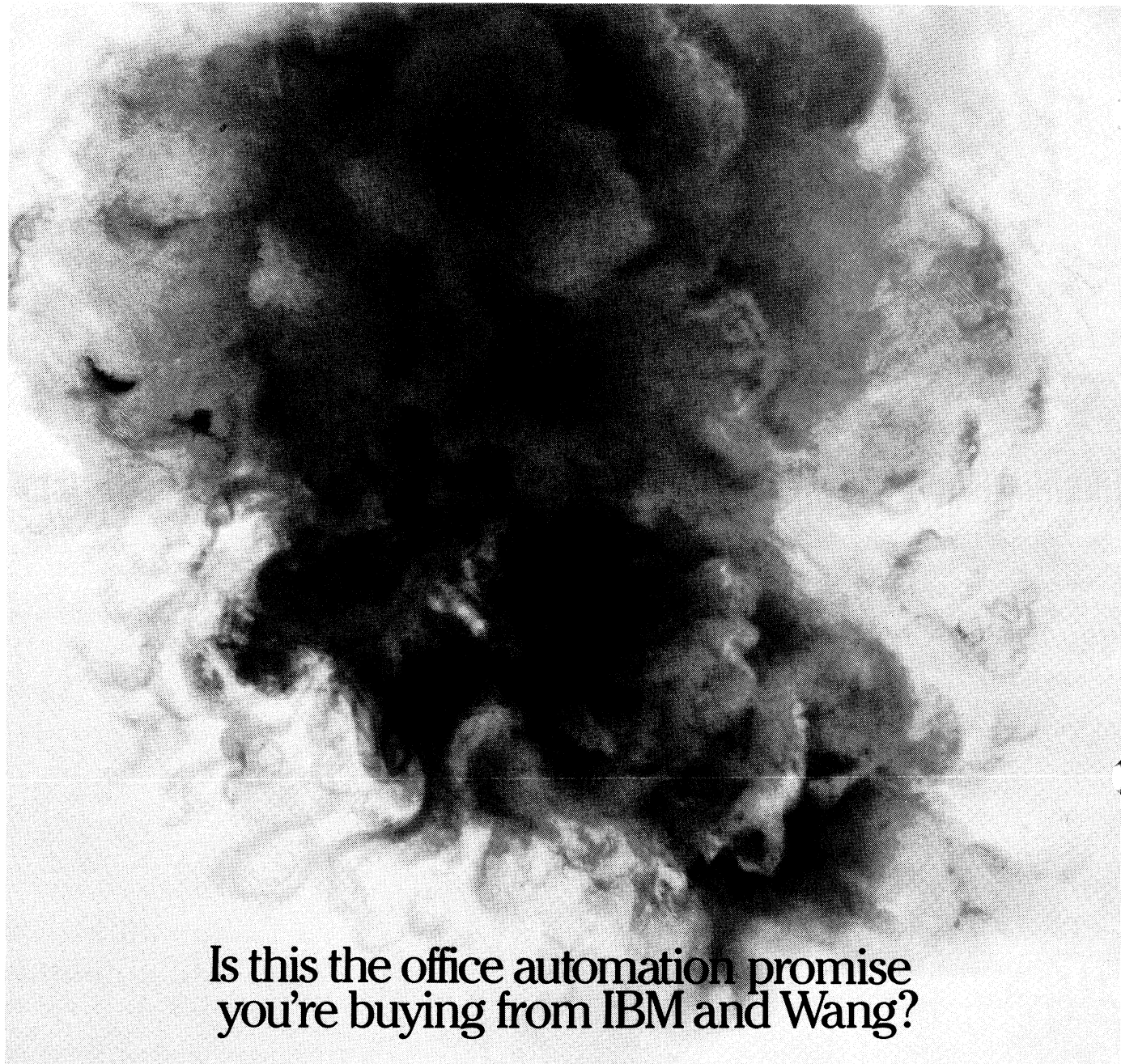
'82 **Toyota Tercel**, 2 dr, 4 spd, stereo cassette, 57K mi, \$3700, 966-2859 (Bellingham).

'82 **Yamaha 550 Maxim**, silver, low mi, \$1700/BO, 536-7653 (Boston).

'83 **GMC S-15 Jimmy Sierra Classic 4x4**, every HD option, loaded, 30K mi, \$9900/BO, 893-1733 (Weston).

'83 **Mustang GT 5.0**, 18K mi, t-roofs, loaded, \$9000, 757-2313 (Shrewsbury).

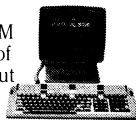
'84 **Honda CRX 1.5L**, 5 spd, 28K mi, stereo cassette, \$6800/BO, 870-0473 (Framingham).



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Integrated Graphics	yes	no	promised
Integrated Query	yes	promised	promised
Consistent User Interface	yes	promised	promised
Database Relational Codasyl	yes yes	no no	promised no
UNIX	yes	no	promised

Vendor Supplied Features	Data General MV Family	IBM System/36 Family	WANG VS Family
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Integrated with IBM PC	yes	promised	yes
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