Mini News

News For The Employees of Data General

June 5, 1987

Networking System Leads To PC Integration

Data General has announced several new hardware and software products and a customer services program to link IBM and IBM-compatible personal computers (PC) with ECLIPSE MV/Family computer systems. CEO/PXA, an electronic mail and document exchange connection between the IBM Professional Office System (PROFS) and CEO comprehensive electronic office software also has been announced.

Testing of the new networking products has been successfully completed at several customer sites in the U.S. including the Federal Reserve Bank of New York; the Chicago Research & Trading Group; and Paul, Hastings, Janofsky & Walker, a large Los Angeles-based worldwide law firm.

"DG/PC*I (Personal Computer Integration) emphasizes freedom of choice for users by integrating a wide range of personal computers with larger departmental computers in an organization," says Dave Lyons, vice president of Group Marketing. "It facilitates the most efficient division of work among these systems in an organization."

DG/PC*I is an integrated set of products consisting of industry-standard local-area networks, industry-standard distributed operating systems and data communication services. This supports specific network-ready applications such as the new CEOwrite word processing package and other popular network-ready Microsoft MS-DOS applications.

The new products allow users to divide work in a network of personal and ECLIPSE MV/Family computers by assigning certain jobs to the personal computers and others to the larger department computers. Typically, those jobs that support a single person such as word processing, spreadsheet development and accounting, would be assigned to a personal computer. Those that either organize, arbitrate and control resource use among many users would be assigned to departmental computers such as those of the ECLIPSE MV/Family. Departmental computers handle jobs or functions like access to centralized data files or printers.

DG/PC*I offers users a choice of three different local area networks so physical wiring schemes already installed can be used to reduce costs: DG/StarLAN, "Thin" Ethernet, and Ethernet.

The local area networks can link small departments or work groups in which personal computers are connected directly to a local departmental server or for corporate-wide connections between department systems and personal computers by giving users access to all departmental systems in a network. The selection of a local area network is based on cost and performance requirements of the specific application environment. Ethernet is particularly suited for connecting department systems.

"Data General is the first vendor to offer three different local area networks for personal computer integration," says Colin Crook, senior vice president of the Communications Systems Group. "This gives the user the widest choice and flexibility in applying networked systems to a particular application or pre-existing wiring scheme."

Data General also announced a new Network Services Group to implement network planning and design programs for customers, and service contracts that include maintenance for the IBM family of PC products, along with certain popular peripherals and option cards. Data General will also qualify other PC-compatible computers for maintenance coverage on a case-by-case basis.

At the same time, a development and marketing agreement has been made between Data General and Gold Hill Computers for artificial intelligence products to be used with DG/PC*I.

CEO Enhancements

CEO/PXA makes it possible to exchange electronic mail and documents between CEO and PROFS, IBM's professional office system.

"CEO/PXA is also the only PROFS document exchange interface among major competitors that doesn't require an IBM host-based software component," says Dave. "This approach reflects our commitment to technical leadership in the area of IBM connectivity."

CEOwrite

Data General also introduced new functionality to CEOwrite, the MS-DOS word processing program for the DATA GENERAL/One family, DASHER/One, DASHER/286, the IBM PC, XT, AT, and fully PC-compatible computers.

"CEOwrite is entering a level of functionality currently found in high-end PC-based word processors such as WordPerfect, Multimate and Officewriter," comments Chris Stone, manager of Office Systems Software. "When you combine these functions with the main strength of CEOwrite - its ability to integrate with a corporate office automation system - CEOwrite is a formidable candidate in the word processing arena."

New CEOwrite features include:

• A spelling corrector and automatic hyphenation - the CEOwrite spelling corrector contains 65,000 words.
• Column editing and snaking - snaking allows users to insert text into columns. Multiple format rulers allow a user to create columns of text side by side.
• Scientific and math functions - new functions include layout options to prepare scientific formulas for printing, and math crossfooting.

Firms Make Connections With Data General

From the floor of the major exchanges, to the Federal Reserve Bank, to a Los Angeles-based law firm, Data General customers are already experiencing what personal computer (PC) integration can do for their company's networking needs.

This personal computer integration, DG/PC*I, is an architecture which is part of Data General's long-term strategy and methodology for integrating PCs into customers' corporate information system environments.

Chicago Research and Trading (CRT), a large options trading firm, utilizes the benefits of DG/PC*I with its computer systems. Time is money, so the faster it can respond to market activity the better.

To accelerate this process, CRT is using DG/PC*I to transfer market data between its ECLIPSE MV/20000 computer and IBM PC/ATs in a "real-time" trading environment. The PCs are mainly used for analysis and display representations of market data.

The Standard & Poor's 500 ticker feed is continuously monitoring what is happening on the floors of the exchanges, and all that information is stored on the ECLIPSE MV/20000 system. Further trading information from worldwide exchanges including Chicago, New York and London are also stored on the ECLIPSE MV/20000 computer. A composite view of market data is then available to the PC user, and DG/PC*I provides a much faster way of downloading this information.

"This approach is much faster than a 9600-baud link that we were using before," says Gerry Duffy, MIS director of CRT. "We've just begun, so we have yet to realize the potential of DG/PC*I."

The Federal Reserve Bank of New York uses computer systems from Data General, IBM and Wang, with a mix of both Data General and IBM PCs. Its goal was integration, on and off site.

The Federal Reserve Bank just installed an ECLIPSE MV/10000 computer as an office support system. This system deploys the new Data General StarLAN twisted pair wiring and incorporates the bank's various stand-alone resources (personal computing, word processing, mainframe services, office requirements) into an integrated environment that will support the needs of both professional and clerical staffs from a single workstation.

StarLAN integrates existing IBM PCs and the DASHER/286 workstations, desktop computers, laser printers, and communication equipment. These workstations are linked to the ECLIPSE MV/10000 computer, and function as communication gateways to mainframes in New York and Washington, D.C.

In the Federal Reserve Bank's multi-vendor computer environment, Data General not only adapted to the existing environment, but provided for even more advanced technological innovations in the future.

Paul, Hastings, Janofsky & Walker (PHJ&W) is one of the fastest growing law firms in the country. PHJ&W has been using computers since it acquired an ECLIPSE MV/8000 system more than five years ago. During the past two years, a great demand for personal computers within PHJ&W has resulted in a proliferation of IBM PCs and other "intelligent workstations." During that same period, PHJ&W added an ECLIPSE MV/10000 system to its principal office.

As a part of the firm's automation plan, the MIS staff reviewed various methods of interfacing PCs with the firm's network of ECLIPSE MV/Family systems. The automation plan included: standardizing the PC as the workstation; becoming a test site for DG/PC*I; and implementing a network of ECLIPSE MV/Family systems in each office. The ECLIPSE MV/Family systems then communicate with the PC workstations via DG/PC*I and with the main office via a public data network (Telenet).

In January 1987 with initial DG PC*I hardware, PHJ&W began its testing of the DG/PC*I approach along with some significant application software development which would complement the DG/PC*I platform strategy.

PHJ&W programmers developed a PC-based Time Entry and Accounting System. This was facilitated by writing ANSI-standard COBOL code on the ECLIPSE MV/8000 computer which was then transported over the DG/PC*I link to the development PC. The COBOL code ran in MS-DSOS without any changes or modifications.

This system allows attorney's time records to be entered directly onto a PC. The branch ECLIPSE MV/Family system will accumulate the individual "time slips" and telecommunicate them to the main office for processing.

On a monthly basis, the main office will produce a Preliminary Billing Report and transmit it to the appropriate office for final edits and adjustments. The client bills are processed and transmitted to the office for printing and billing. What was once a ten-step, time-consuming manual process has been reduced to a simple two-step process.

PHJ&W uses DG/PC*I in four other ways: application software support, shared peripheral use, data file backup and teleprocessing. Considering that PHJ&W may ultimately employ as many as 500 PCs, the time and effort saved is crucial for this busy law firm.

According to Mark Cartier, manager of Information Systems at PHJ&W, "DG/PC*I will allow us to integrate our stand-alone PCs with existing Data General computers. We have already developed distributed systems using DG/PC*I as the standard and we are modifying our existing procedures to take advantage of the DG/PC*I architecture. We view DG/PC*I as an excellent way to increase productivity, decrease costs and time delays, and to better manage our firm's information."

New Zealand Department Of Trade, Industry Signs Deal

The New Zealand Department of Trade and Industry recently signed a contract with Data General which will result in the installation of one of the country's largest integrated office automation networks.

The $1.4 million order is part of the Trade and Industry department's strategy to build a comprehensive business information system that has the ability to store, manipulate, and provide policy advice, information and services to department ministers and business clients. The overall purpose of the project is to allow New Zealand business to compete more effectively within the domestic and international marketplace.

The system is based on the Data General ECLIPSE MV/15000 computer which will be upgraded to provide increased capacity to meet the changing needs of the department. ECLIPSE MV/7800 computers also will be added to the system as the department's needs and the number of users increase. The combination of Data General CEO comprehensive electronic office software, Powerhouse 4th Generation Language, and the DG/SQL relational database, will let the department provide a fully-integrated office environment, a comprehensive company and product database, as well as a tariff and trade database. Other systems will be implemented and developed in the future.

The office automation capabilities, to be used eventually by all 400 employees, are an important part of the department's strategy to build a comprehensive system. A key feature of the system is the total integration of eight database applications, all accessed through the CEO software.
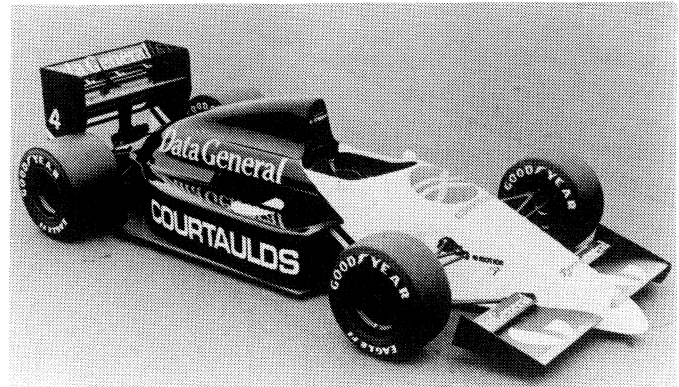
Peter Donovan, deputy secretary of the Department of Trade and Industry, says, "CEO will be the delivery vehicle for our eight business applications. Although we expect to see at least 50 percent of our productivity gains through the use of CEO itself, it is equally important as the link to provide different people in different areas of the department with information in all our databases."

When looking at the office automation system requirements, the Trade and Industry department was most impressed by the power and simplicity of the Data General CEO software.

"Not only is there a recognized need for word processing and electronic mail within the department, but there is already a high level of enthusiasm for the CEO system," adds Peter.

Team Tyrrell Formula 1 Car To Be In Westboro

The Data General Team Tyrrell Formula 1 race car will be in Westboro on Tuesday, June 16, as the car and crew make a stop on the way to Detroit for the Detroit Grand Prix. On hand to meet with employees will be Ken Tyrrell, the founder of the Tyrrell racing organization, drivers Philippe Streiff and Jonathon Palmer, and Nigel Besford, who has been responsible for the design of the 1987 car.

The car can be viewed on the lawn between the Building 14B lobby and the employee entrance near the cafeteria from 11:30 a.m. and 1:30 p.m. that day. Ken, Philippe, Jonathon and Nigel will be available to answer employees' questions at that time, as well. Team Tyrrell hats and color brochures will be given out to employees viewing the car.

Computer-Aided Design

The Data General-Team Tyrrell partnership began last year, when Data General became a major sponsor of the racing syndicate. That partnership was broadened this year when four Data General DS/7540 workstations were used in the design of the car. These workstations run Data General's technical electronic office (TEO)

system, a "platform" on which Tyrrell engineers have been building specialist applications to deign and test Formula 1 cars. These applications include aerodynamics analysis, automated drafting, and suspension behavior simulation.

The Team Tyrrell headquarters in England makes use of Data General's CEO comprehensive electronic office software, which is used for electronic communications between the design and management offices.

A Reminder To Employees: Open Enrollment Ends June 19

Now through June 19 is the enrollment period for medical and dental coverage offered to employees through Benefits Plus, Data General's expanded benefits plan, as well as changes in Supplemental and Dependent Life Insurance. All coverages take effect on July 1.

Everyone must complete a new Benefits Enrollment Form by Friday, June 19. Benefits Plus introduces pre-tax employee contributions for medical as well as a requirement that information be provided on all dependents. If an employee does not complete an enrollment form by June 19, enrollment will be automatic for employee coverage only in PLUS 3 medical and the traditional dental plan. That enrollment will not be able to be changed, due to government regulations, until January 1, 1988.

Anyone who has not received the Benefits Plus information should call Corporate Benefits at extension 4550 in Westboro.

HMO

In Massachusetts, one of the options employees may consider in the area of medical coverage is whether to join an HMO. HMO representatives will be in Westboro and Milford cafeterias to supply information and answer questions. Employees are urged, when possible, to visit with the HMO representatives before attending an enrollment meeting. The following is a list of times HMO representatives will be available in Milford and Westboro:

Milford

Tuesday	June 9	11 a.m. - 5 p.m.
Thursday	June 11	11 a.m. - 5 p.m.

Westboro

Friday	June 5	11 a.m. - 2 p.m.
Monday	June 8	11 a.m. - 2 p.m.
Wednesday	June 10	11 a.m. - 5 p.m.
Friday	June 12	11 a.m. - 2 p.m.

Benefits Plus Open Enrollment Meetings

In Westboro, Human Resources will be offering Benefits Plus informational briefings for your organization through Friday, June 12. Each session will be appoximately 35 minutes, including an introduction the new benefits offerings, a short video presentation, question and answer period and assistance in enrollment form completion.

Meetings will be held each day through Friday, June 12. Meetings are scheduled at 9 a.m. and 10:30 a.m., as well as 1 p.m. and 2:30 p.m. These sessions will be held in Guest Marketing's IAC Room, located at Mail Stop A227.

Employees are encouraged to attend a session. Employees should review all the information they have received before coming to a meeting. Employees should bring all enrollment forms to the meeting and be prepared with the information needed to complete them.

Open enrollment meetings have already been held for employees in the Communications Systems Group and Corporate Manufacturing.

In Field Engineering at Milford, meetings have been scheduled for departments by the Human Resources representatives. The meetings will take place throughout the Open Enrollment period lasting until June 12.

Questions About Benefits?

If you have a question, need assistance or information concerning one of the Data General Benefits Plans, call the applicable number below. Save this listing and keep it handy for easy reference.

Whom To Call

Benefits Hotline	Westboro extension 4550 or via CEO at Benefits:IMG003

For questions concerning *employee or dependent life insurance, accident and sickness benefits,* the *Data General medical plan (Prudential),* or *long-term disability benefits,* contact the Corporate Benefits administrator assigned to the section of the alphabet in which the first letter of your last name falls:

Alpha Sec.	Benefits Administrator	Westboro Ext.
A-D	Sharon Wetherell	4557
E-K	Chris Buxton	4584
L-R	Angela Rothera	4586
S-Z	Carol Walsh	4576

Second Surgical Opinion - Prudential Claims Office   1-800-932-0522
(In New Jersey)   1-800-624-0724
HMO - Eligibility, enrollment or change in coverage information may be obtained from your Benefits administrator. Questions related to benefits, services, staff or facilities should be directed to the local HMO Member-

ship Services Department.

Dental Plan - PruDMO Hotline   1-800-THE-DMO1
PruDent Claims Office   1-617-687-0364

For questions concerning the *retirement, pension 'an,* or *savings and investment program,* contact the ورporate Benefits administrator assigned to the section of the alphabet in which the first letter of your last name falls:

Alpha Sec.	Benefits Administrator	Westboro Ext.
A-E	Lisa Jablonski	4558
F-K	Kate Oftring	4519
L-P	Ellen Stefanik	4570
Q-Z	Sandra Garraway	4524

Stock Purchase Plan - Call extension 4570 in Westboro

Credit Union (Union Warren Savings) - Call extension 4551 in Westboro

Auto/Homeowners/Renters Insurance (Marsh & McLennan, Inc.) - Call Westboro extension 4601, 4603, 4607

Scholarship Program - Call extension 4551 in Westboro

Is Your Pharmacy Covered?

A toll-free number has been provided to all employees of Data General by Associated Prescription Services ?S), Data General's new prescription drug card carrier. This number allows you to find out if your current pharmacy is participating in the drug card program, and to find out which pharmacies in your area are currently participating in the program. To inquire, call *1-800-638-3895.*

If your pharmacy is not currently part of the network, simply fill out a Personal Pharmacy Enrollment Card and submit it to APS. APS will then contact the pharmacy directly to discuss enrollment procedures. These Personal Pharmacy Enrollment Cards are available from your Human Resources or Benefits department.

Attention Telephone Users

Employees are reminded that they should not repair or remove telephones at Data General. Employees requiring installation, removal or relocation of a telephone should submit a Telephone Service Request form (TSR) to the Corporate Telecommunications department. Telephone troubles should be reported to extension 6057 or extension 6058. No TSR is necessary for repairs.

Second Banking Industry Class Held In Woodstock

The second Banking Industry Training class was conducted at Data General's Woodstock training facility last month. The class of 16 included Sales representatives and systems engineers from a number of North American Sales Division (NASD) offices, as well as Area staff specialists.

The class focused on three objectives: to train employees in the "business of banking," to present current solutions to meet banking needs from the Data General product line as well as from a variety of third-party vendors, and to acquaint participants with Data General's banking industry strategy and support programs.

Among the highlights of the class were presentations on the company's product positioning and communications and networking in banking, given by members of the banking industry Marketing team; and presentations by four Valued-Added Resellers (VARs), who described their specific markets and products and trained the students in ways to sell these solutions.

A textbook, *Modern Banking,* and a simulation game, *You're The Banker,* supplemented by lectures given by the banking industry Marketing team, provided the basis for better understanding the business of banking.

Data General Contributes To The Fine Arts

Data General recently showed its appreciation for the fine arts by making a donation to help support the Central Massachusetts Symphony Orchestra's upcoming Summer Family Concerts. This summer's series of concerts marks the 37th consecutive season the orchestra has been led by conductor Harry Levenson. The concerts are scheduled to be held at Worcester's Institute Park and at Olde Shrewsbury Village. The summer concert schedule is as follows:

Tuesday, June 16	Olde Shrewsbury Village	6:30 p.m.
Sunday, July 5	Institute Park	7:30 p.m.
Sunday, July 12	Institute Park	7:30 p.m.
Tuesday, July 14	Olde Shrewsbury Village	6:30 p.m.
Sunday, July 19	Institute Park	7:30 p.m.
Sunday, July 26	Institute Park	7:30 p.m.
Tuesday, August 4	Olde Shrewsbury Village	6:30 p.m.

If it rains during a concert at Institute Park, the performance will be moved to nearby Tuckerman Hall. Any concert day completely rained out will be rescheduled for Sunday, August 9. All performances are free and open to the public. For further information, call the Symphony office at 754-1234 in Worcester.

Toastmasters' Open House Scheduled For June 17

Are your speaking skills keeping you from getting ahead? Public speaking is a learnable skill. The key to success is practice. In the supportive and challenging environment of Data General Toastmasters, you can develop and improve your presentation skills, and learn to think on your feet.

Employees are invited to come to the Toastmasters' Open House on Wednesday, June 17, at noon in Guest Marketing Room A (between the deli and the cafeteria.) Interested employees should respond to Elaine Moore at extension 5607 or Joan Hully at 220-7486 in Southboro.

To get an idea of what the group is about, employees are urged to attend the next Toastmasters' meeting next Wednesday at noon in the MTI B conference room (next to the Information Resource Center.) All employees are invited.

Technical Training Set For Recently-Hired Employees

The 1987 summer training program for recently-hired employees from technical colleges is once again being offered from June through September. As in the past, this program is sponsored by the Management and Organizational Development (MOD) group in cooperation with Data General's Educational Services area.

The Technical Training catalog was mailed to managers recently. The catalog includes course listings, dates and locations of courses, course descriptions and enrollment procedures.

Extra copies of the catalog may be obtained by calling Donna Jackson at extension 6958 in Westboro or stopping by Corporate MOD located at Mail Stop D-134.

Data General Employees Share Canoe Adventure With Explorers

When Bob Fogg and John Gareri became voluntary advisors for the Westboro Computer Explorer Post, they knew they could rely on their technical backgrounds to teach local students the wonders of high technology.

Bob, an Educational Services Systems Training specialist, and John, an instructor for Educational Services, realized teaching kids to be well-rounded students also means taking the time to appreciate the outdoors. That is one of the reasons Bob and John arranged for a weekend canoeing trip on the Battenkill River in Vermont for the post this past weekend.

According to Bob, the group left Westboro last Friday evening, and arrived in upstate New York around 10 p.m. After spending the night at a campground on the river at the Vermont-New York border, the group then drove up-river into Vermont to rent canoes Saturday morning, and spent the day on the river paddling back downstream toward their campsite.

"We stopped at all the bridges along the way, so the kids could jump off into the water," Bob says. "Of course, we observed all the safety regulations, and made sure the kids wouldn't hurt themselves. John recently completed an eight-hour canoe safety course, and is a certified water safety instructor."

The group camped out Saturday night and spent Sunday on the river, as well. Bob and John agreed the weather was perfect, as were the canoeing conditions.

"The Battenkill was definitely the cleanest and best river we've canoed yet," says Bob. "It was safe enough for even the most inexperienced paddlers, yet had enough quickwater and riffles to keep our adrenalin up!"

"We had a great time," John says. "The trip gave the kids a chance to work together, and a chance to enjoy the environment. The Computer Explorers plan events like this throughout the year, with skiing trips in the winter, and camping trips or days at the beach in the warmer months."

"I enjoy watching the kids grow to be able to do adult kinds of things," Bob says. "The kids have to get along, and work as a group. It's definitely a cooperative effort. This was the best trip yet."

The Computer Explorers post is open to young men and women from age 14 through age 20, and meets year-round, on the first and third Monday of each month, at Data General's 2400 Computer Drive facility. Typically, the first part of each two-hour session is devoted to a class, which may deal with graphics instruction, word processing or programming. The remainder of the meeting is free time and each member can pursue individual computer interests.

"We'd like to see more children of Data General employees join the post," Bob says. "They, as well as other young people who are interested in computers are encouraged to drop in for a visit at any meeting and see whether joining Computer Explorers is for them."

Training

Educational Services is offering the following soft- are and office automation courses in June.

AOS/VS Internals (S410) - This course provides an overview of the inner workings of the AOS/VS operating system, and is geared toward AOS/VS programmers. This five-day course has the following prerequisites: S105/VS (ECLIPSE MV/Family Assembly Language Programming), S309/VS (AOS/VS System Programming, Part 1), S310/VS (AOS/VS System Programming, Part 2), and familiarity with operating system theory. This course starts on Monday, June 22.

• **RDOS System Programming (S304)** - This courses is geared toward RDOS system programmers and analysts in the features available to user programs through the use of system calls and task calls. To be eligible for this class, employees must have taken S200 (RDOS User) and one of the following courses: S101 (Fundamentals of Assembly Language Programming); S102 (NOVA Assembly Language Programming; or S105 (ECLIPSE Assembly Language Programming). This five-day course starts on Monday, June 22.

• **Designing Applications Under AOS/VS (SM508)** - This course introduces to AOS/VS system designers, system managers, and technical users the significant performance-related design options that they will encounter in designing an AOS/VS application. The erequisites for this three-day course, which starts on onday, June 22, are S209 (AOS & AOS/VS User) and S219/VS (AOS/VS System Manager).

• **CEO System Manager (S221)** - This class is designed for CEO system managers responsible for the installation, maintenance, and on-going support of CEO. This three-day course teaches how to control Data General's CEO system, including the system structure of CEO. A prerequisite for this course is thorough knowledge of CEO from a user's perspective; and S209 (AOS & AOS/VS User), SH109/VS (AOS/VS Operator Training or equivalent experience. This class begins on Monday, June 29.

• **Authoring for the Computer-Based Training Environment (SM503)** - This interactive workshop is for those who want to use Computer-Based Training (CBT) as a vehicle for communicating information (i.e. new product information, marketing updates), or for developing and delivering training. It includes extensive hands-on work with Data General's Compehensive Education Software (DG/CES) authoring system to illustrate CBT authoring principles. This three-day course begins on Monday, June 29.

• **Introduction to CEO Mail and Calendar (OA143)** - This course teaches effective use of the features of CEO's ail and calendar, including telephone messaging and kler" files. There are no prerequisites, but familiarity with a typewriter keyboard is helpful. This one-day class will be held on Wednesday, June 24.

• **CEO List Processing (OA147)** - This course focuses on the use of the CEO merge function to produce documents for mass mailings or repetitive-type documents. This half-day class is being held on Friday, June 26.

Prior approval of your supervisor is required for course registration. Call (tie-line) 221-1647 to enroll in these or other classes. All classes will be held at the Education Center, 2400 Computer Drive, in Westboro.

Activities

Tenpin Bowling Banquet Set

The Data General Tenpin League will hold its annual banquet on Thursday, June 11, at Indian Meadows on Route 9 in Westboro. The cash bar will open at 6:00 p.m. The awards ceremony is scheduled to begin at 6:45 p.m., followed by dinner and dancing at 7:30 p.m. The banquet is free for members, but guests will be charged $10. Interested league members should send guest fees to Helene Plotka at Mail Stop E-111 in Westboro.

MARKETPLACE

CARPOOL

Carpool Forming , Mansfield area (Rts 495/95) to Webo, 8:30-5, ext 221-1686, Michael.

FOR RENT

Condominium , Campton, N.H., 3 bdrm, sleeps 8, lake and outdoor pool, near White Mts., avail. by week or wknd., 769-2355 (Norwood).

Town house , for sale/rent, Mashpee/South Cape Resort & Club, 2 bdrm, 2 1/2 bath, fireplaces, laundry area, patio, near beach, shopping, two-week timeshare, Aug. 1-7, float time Sept. 19-26 '87, rental $900 prime, $450 float, sale $18,000, 965-1746 (Newton).

Apt. , 2 bdrm, fireplace, cable, util. included, no smoking/pets, avail. immed., $650/mo., 842-8743 (Shrewsbury).

House , Maine/NH border, 2 bdrm, waterfront, Wolfboro on Horn Pond, $375/week, 456-3137 (Harvard).

House , Barnstead, NH, 2 bdrm, master suite w/terrace, 2 baths, near beach, heat/hot water incl, $950/mo, 776-0261 (Sommerville).

Duplex , 3 bdrm, w/w, appl, kitch/liv rm/din rm/pantry, $850/mo, avail July 1, 473-2120 (Hopedale).

Apartment , near major rts, appl, parking, no pets, first/last security, references, avail June 1, $600/mo incl heat, 792-1328 (Worcester).

Condominium , Cancun, Mexico, October 3-10, slps 6, incl kitch/maid service, $800/BO, 481-1443 (Marlboro).

Condominium , Acton, 1 bdrm, AC, laundry/storage/pool, w/w, $640/mo incl heat/hot water, 562-5104 (Stowe).

House , 3 bdrm, Seagull Beach, West Yarmouth, $650/wk, 529-3434 (Upton).

Efficiency , Dennisport, Cape Cod, patio/cable TV/pool, near beach, $295/wk in-season, $175/wk off-season, $75/wknd off-season, 435-3794 (Hopkinton).

Duplex , Dennisport, Cape Cod, deck/cable TV, near beach, $450/wk in-season, $295/wk off-season, $150/wknd off-season, 435-3794 (Hopkinton).

Condominium , 2 bdrm, laundry, A/C, near 290, avail June, $595/mo + util, 568-0155 (Hudson).

House , Dennisport, Cape Cod, 3 bdrm, encl porch/deck/cable TV, near beach, $595/wk, 562-3274 (Hudson).

House , 3 bdrms, deck, near beaches and boat landings, Falmouth, June $300/wk., July & August $400/wk. 923-1489 (Watertown).

WANTED

Roommate , to share condo, fully-applianced, pool, tennis, laundry, 4 miles from Data General, male non-smoker, $325/mo. + 1/2 util., 366-9430 (Westboro).

Roommate , 2 bdrm, 1st floor of 2-family house, near RT. 20, Auburn Mall, pets allowed, $200 + 1/2 bills, 865-9806 (Millbury/Auburn).

Roomate , female, non-smoker, to share 2 bdrm apt., $330/mo., heat, hot water incl., 481-6362 after 5:30 p.m (Marlboro).

Small 1.5 or 2.0 hp gas engine , for 3-man rubber boat, 655-3039 or 655-0222 (Natick).

Roommate , to share house, non-smoker, 20 min. from Westboro, $265/mo. + 1/2 util., 798-0143 (Worcester).

Roommate , to share apt in Framingham, 535-0688 (Peabody).

Roommate , non-smoking, female, to share 1st floor apt, laundry, avail July 1, 969-1849 (Newton).

Roommate , to share 2 bdrm apt, near Rt 9, cable/pool/tennis, $365/mo incl heat/hot water, 875-8297 (Framingham).

FOR SALE

Items , Columbia 27" racing bike, $50; boys 20" BMX bike, $30; boys 20" bike, $15; women's 27" 10-speed touring bike, $30; Sears baby seat for bike, $10; Weber-style kettle charcoal grill, $15; small gas grill, $15 (needs tank), 481-1658 (Marlboro).

Items , wetsuit, men's medium, w/boots, gloves, hood, $125; shortwave radio, Collins R-392, tubes, w/manual, power supply, $175, 429-7069 (Holliston).

House , 8 rm. Colonial, 14x22 fr., screened porch, gourmet kitchen, located on private 1-acre lot, $224,000, 478-4588 (Milford).

Siamese kittens , $75 each, 366-7883 after 5:00 p.m. (Westboro).

Items , woodburning stove w/ blower, wood incl., $200; AM/FM stereo receiver w/ 8-track, $75; 4 184/14 radial tires and 2 185/14 radial snow tires, $100 for all, 792-3983 after 6:00 p.m. (Auburn).

'81 Kawasaki KD80M Minibike , red, $419, 924-4645 (Watertown).

Loveseats , 2, beige plaid, $50 each, 655-8687 (Natick).

House , 4 bdrm Colonial, $179,000, 668-7577 (Walpole).

Tires , Pirelli P6 185/60HR14 performance tires, used for 6,600 mi., 3 for $200, 4 for $250, 655-2809 (Natick).

Pool Items , Hayward pump, filter, 18x36 solid cover w/bags, diving board, stainless steel ladder, 40' vacuum hose, 1 1/2" felx. pipe, short chain link fence, BO, 839-9638 (Grafton).

Honda CT90 Motorcycle , auto clutch, on or off-road, $350, 443-2237 (Sudbury).

14-ft. '83 Merrocraft , aluminum, deep v-hull, '83 Merc 10 hp. motor, '83 Startan trailer, 1,000 lb. cap., $2,100/BO, 592-2080 (Lynn).

Items , antique oak curved glass China closet, $400; antique round pedistal kitchen table, w/6 oak chairs, $150; 883-3771 (Blackstone).

Bedroom Set , king waterbed w/hdbd & 12 drawers, dresser w/attached mirror, bureau, end tbl, lamp, $500, 222-0883 (Attleboro).

Bow Window , new, insulated glass, w/screens, 4' x 9" x 6', $350, 485-1423 (Marlboro).

Needlepoint Work Frame , floor standing, adj height, handcrafted, solid maple, $25/BO, 485-8404 (Marlboro).

Condominium , 2 bdrm, 1 1/2 baths, full cellar, near Rt 495, 966-1325 (Bellingham).

Town House , 2 bdrm, 1 1/2 baths, frpl, appl, patio, $111,900, 832-5664 (Auburn).

Items , 8' blk velour couch w/matching chair & coffee tbl, $100/BO; 3' sq mirror w/chrome frame, $25/BO; loveseat/hide-a-bed, $75/BO; wood credenza w/sliding drs & shelf, $50/BO, 251-2772 (N.Chelmsford).

Items , 6' sleeper couch, w/2 matching chairs, $250/BO; console color TV, $250/BO, 368-1922 (Clinton).

Condominium , for sale/rent, 3 bdrm, 2 bath, private beach, Newfound Lake, Bristol, NH, buy-$130,000, rent-$500/wk, 435-6744 (Hopkinton).

Items , 5 tires, 155SR13 Continental TS73?, $50/all; Tektronix time-domain-reflectometer, for co-ax cable testing, $100/as is; Sorenson rack-mount power supply, $10, (603) 465-2034 (Hollis, NH).

Drum Set , Tama, 5 pc, power toms, roto toms, accessories, $1500, 485-4007 (Marlboro).

Porcelain Sink , for bathroom, blue, w/fixtures, $50, 473-4347 (Milford).

Radial Tires , 2 Roadhandler P185-80/R13, all season, BO, 234-6807 (Whitinsville).

Sliding Glass Doors , 3 sets aluminum dbl pane, $160/all, $60/ea, 435-6494 (Hopkinton).

Split Entry House , central air/vac, porch, patio, greenhouse, 3 bdrm, 2 1/2 baths, 2 frpl, garage, 1/2 acre, by owner, $234,900, 877-8192 (Framingham).

Town House , 2 bdrm, 2 1/2 baths, frpl, pool/tennis/golf/clubhouse, garage w/workshop, near Rt 495, $155,900 478-7846 (Milford).

Edixa Reflex Manual Camera , w/50mm 1.8 lens, screw on Pentax mount, rubber hood, polarized filter, strap, $80, 473-5939 (Milford).

AUTOS

'75 Ford LTD , 80K mi, $200/BO, 485-1193 (Marlboro).

'75 Chevrolet Nova , 6 cyl, auto, 40K mi, new tires/shocks/rear spring, $1500, 485-7073 (Marlboro).

'76 Volkswagon Camper Van , sleeps 4, pop-up roof headroom, sink, cabinets, closet, 4 speed, rebuilt engine, $2,400, 366-1724 (Westboro).

'77 Olds 98RS , PW, PL, cruise, stereo w/cassette, 6-way driver's seat, high mileage, $400, 877-4611 (Framingham).

'78 Toyota Corolla Wagon , 5 sp., a/c, AM/FM stereo, 872-6026 (Framingham).

'80 Pontiac Phoenix , 2 dr., black w/vinyl roof, auto., PS/PB, A/C, AM/FM, needs some work, make an offer, 865-2595 after 6:00 p.m. (Millbury).

'80 Toyota Corolla , 4 dr., silver, auto., A/C, AM/FM/stereo, $2200/BO. 877-5149 after 7:00 pm. (Framingham).

'81 Renault , 4 dr, 5 spd, 65K mi, $1000/BO, 485-4007 (Marlboro).

'82 Chevy Camaro , 59K mi., 4 cycl., 4 spd., EFI, ps/pb, trans. warranty good for 13K or 1.5 yrs., $4,800/BO, 799-4090 (Worcester).

'83 Ford Escort GL , 4 cyl, 2 dr, hatch, rear def/wiper, cloth reclining bucket seats, $2400/BO, 393-9329 (Northboro).

'84 Camaro , 37K mi, V8, white, Sport Coupe, Auto, T-top, tilt, loaded, $7650, 366-2412 (Westboro).

'84 Fiero , 47K mi., $500+note, 865-9806 (Millbury/Auburn).

'84 BMW , 318I, AC, navy, auto, power, low mi, $12,500, 462-8379 (Newburyport).

'85 Kawasaki Vulcan 750 , 500 mi., new last May, $2,300, 365-0435 (Clinton).

'85 Honda Rebel 250CC , Low rider, black, minor damage, needs minor repairs, 1,200 mi., $1,000/BO, 473-6758 (Milford).