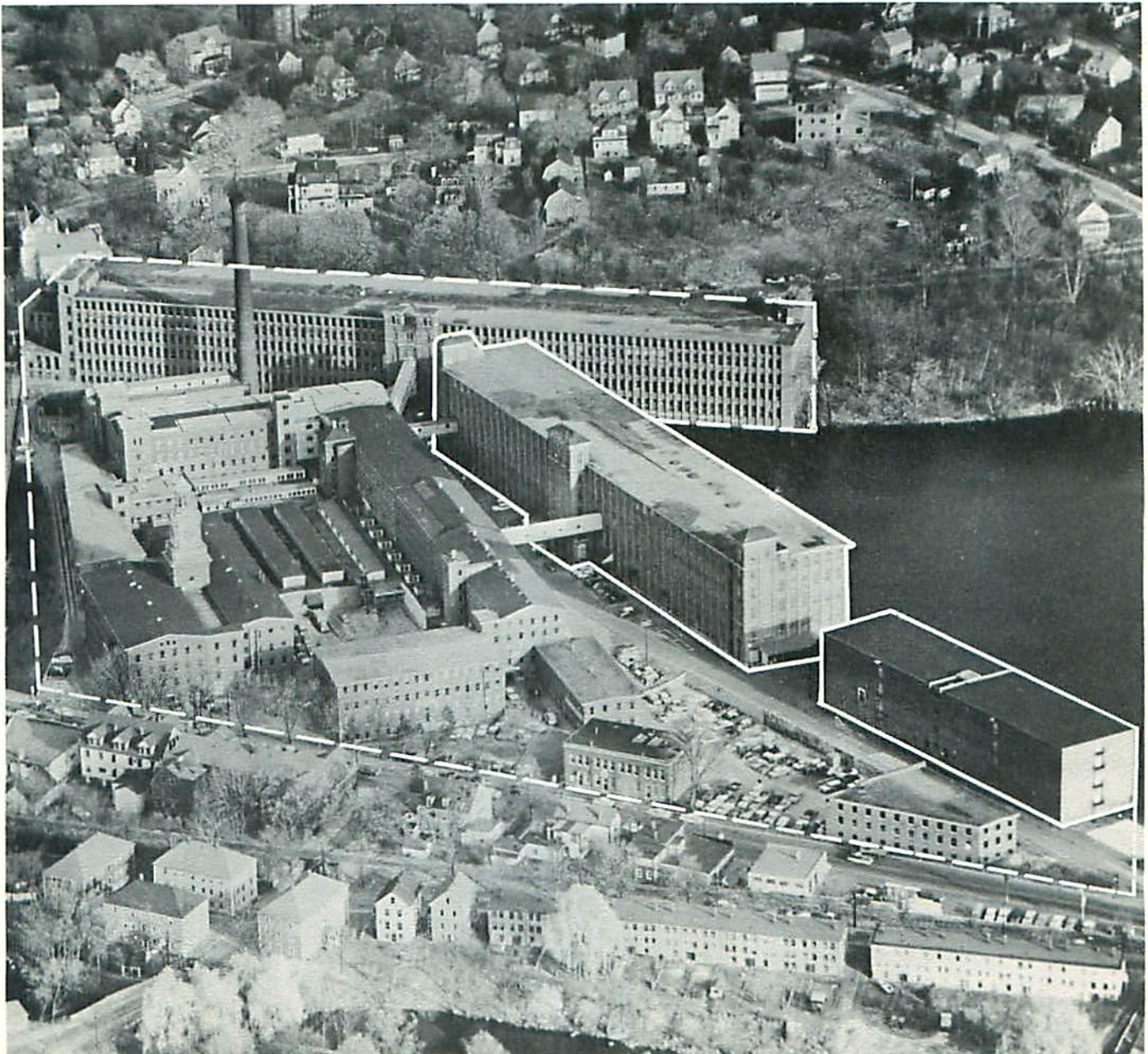


ONLINE

DIGITAL EQUIPMENT CORPORATION

May, 1968

Space In Maynard Increased By 50%



The buildings outlined with the solid white lines were recently leased by DEC, which now occupies 90 percent of the Maynard Mills. The dotted line shows the Mill complex, the former home of the American Woolen Company.

2 More Buildings are Leased



Signing lease for Digital Equipment Corporation to occupy two additional buildings in the Maynard Industrial Park are: Lewis P. Pemstein (left), President of Maynard Industries; and Harry Mann, Digital Vice President of Finance. Standing are Hyman Berwick (left), a Director of Maynard Industries; and Ed Schwartz, Digital's Corporation Counsel.

Digital recently increased its space in Maynard by more than 50% with the signing of leases for two more buildings in the Maynard Industrial Park.

The extra space, amounting to 315,000 square feet, gives Digital almost one million square feet in Maynard -- equal to the total floorspace in the Prudential Building, Boston's tallest office building.

Digital has increased the space it occupies in Maynard 1,000% since it first occupied 9,000 square feet on one floor in 1957. We now occupy 90% of the Maynard Mill complex, former home of the American Woolen Company.

The latest expansion parallels Digital's growth around the world. Facilities in England and Canada were also recently expanded.

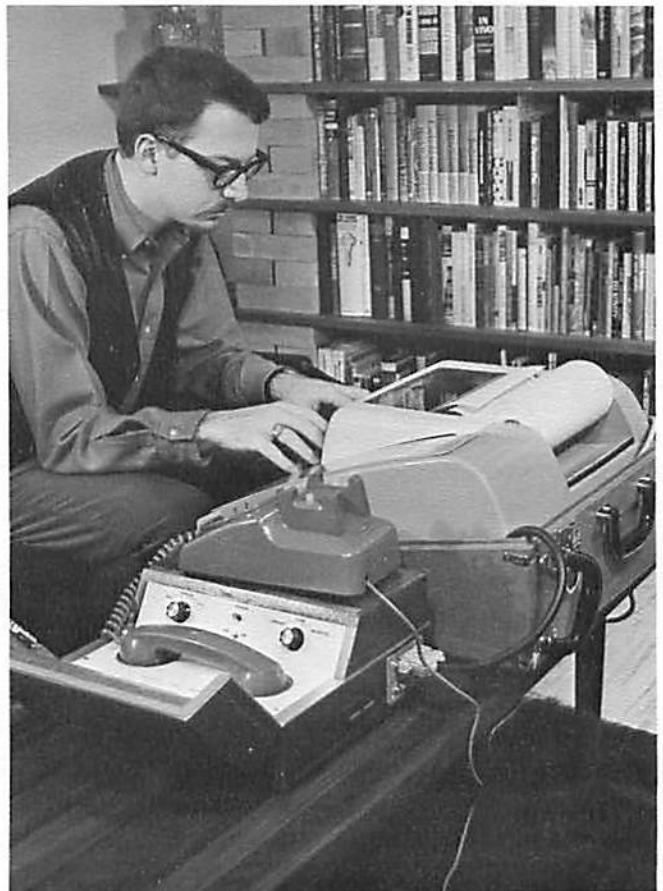
To keep pace with plant expansion, Maynard parking facilities are also being increased. Plans call for the new lot, adjacent to Mill Pond, to be expanded to provide room for 450 more cars. When the new area is completed, there will be room for 800 employee vehicles.

Letter Helps Set Record Straight

Business Week magazine recently reprinted a letter from DEC, correcting an article which contained misinformation on computer companies. The article -- in the March 30 issue -- omitted DEC from a list of "consistent money-makers" among computer manufacturers.

The letter read in part ...

"Digital Equipment Corporation, ranked by industry reports as holding down fifth place in terms of installations, has never seen the blur of red ink. Since opening the door in 1957, President Kenneth H. Olsen has consistently led his money-making team in selling computers, peripherals, and modules to users who number more than twice that of Scientific Data Systems, almost 50% more than General Electric, and substantially ahead of Control Data Corporation."



Doug Dyment, Software Support Manager in Canada, demonstrates the ease of time-sharing with a portable Teletype and a telephone adapter. Any normal telephone receiver can be placed on the adapter, a regular phone number is dialed, and the Teletype is connected with the PDP-10 in Building 5, Maynard. This picture appeared in color in a recent issue of Electronic Design.

DEC Contributions Aid Local Organizations

Anxious to fulfill the obligations of a responsible corporate citizen, Digital has made contributions -- totaling several thousand dollars -- to local organizations.

Because of the large volume of requests for donations from national, regional, state, and local organizations -- many of them representing very worthy causes -- it was decided that the Company's contributions would be limited to organizations which serve the area in which the majority of DEC's employees reside. Thus, the bulk of DEC's cash donations are going to organizations located in Maynard and surrounding towns.

The most substantial single contribution (\$1,500) went to Concord's Emerson Hospital, which serves not only residents of Concord but also those of about ten surrounding towns. The donation will be used toward the completion of a room in the Hospital's new Wheeler Wing. Each year, Emerson Hospital treats several hundred DEC employees and members of their families.

Instead of contributing to scholarship funds sponsored by various local organizations, DEC will this year award its own scholarship to a Maynard High School senior. The scholarship, which amounts to \$200, will be awarded to a student for use toward college expenses.

Substantial contributions have also been made to the Concord Community Agencies which include the Concord Family Services Agency, the Middlesex Association for Mental Retardation, the Walden Clinic, and the Minuteman Association for Retarded Children.

The Concord Family Services, located in Concord, provides assistance to families encountering problems in such areas as alcoholism, marital disputes, acute financial problems, behavior problems with children, physical handicaps, tense or broken family relationships, etc. All DEC employees, no matter where they reside, are entitled to use the services of the agency. Fees are charged for services provided, but no one is turned away because of inability to pay.

Other contributions have also been made to Marlboro Hospital, Framingham Hospital, and Lowell General. These hospitals were selected because they, too, treat many of our employees and members of their families.

The Walden Guidance Clinic provides professional psychiatric help to children whose emotional conflicts make it difficult or impossible for them to adjust satisfactorily to their families, school, the community, or to other children. Another recipient of a DEC contribution is the Community Agencies Building Fund, which is raising funds for a new building to house the agencies.

Also receiving contributions from DEC were the Concord and Marlboro Red Cross Chapters, the Maynard Public Library, the local Boy Scouts and Girl Scouts, and the Maynard Salvation Army Chapter. DEC is also again

sponsoring a baseball team -- The Digits -- in the local Little League.

In addition to cash contributions, Digital also makes very substantial contributions in the form of computers and equipment. Starting with the PDP-1 computer several years ago, many thousands of dollars worth of equipment are donated annually. Most of the recipients are schools, universities, and hospitals.



A check representing Digital Equipment Corporation's contribution to Emerson Hospital, Concord, is presented to Emerson Hospital Administrator, Miss Elmina Snow, by Vice President, Win Hindle. The contribution will be used toward the completion of a room in the Hospital's new wing.

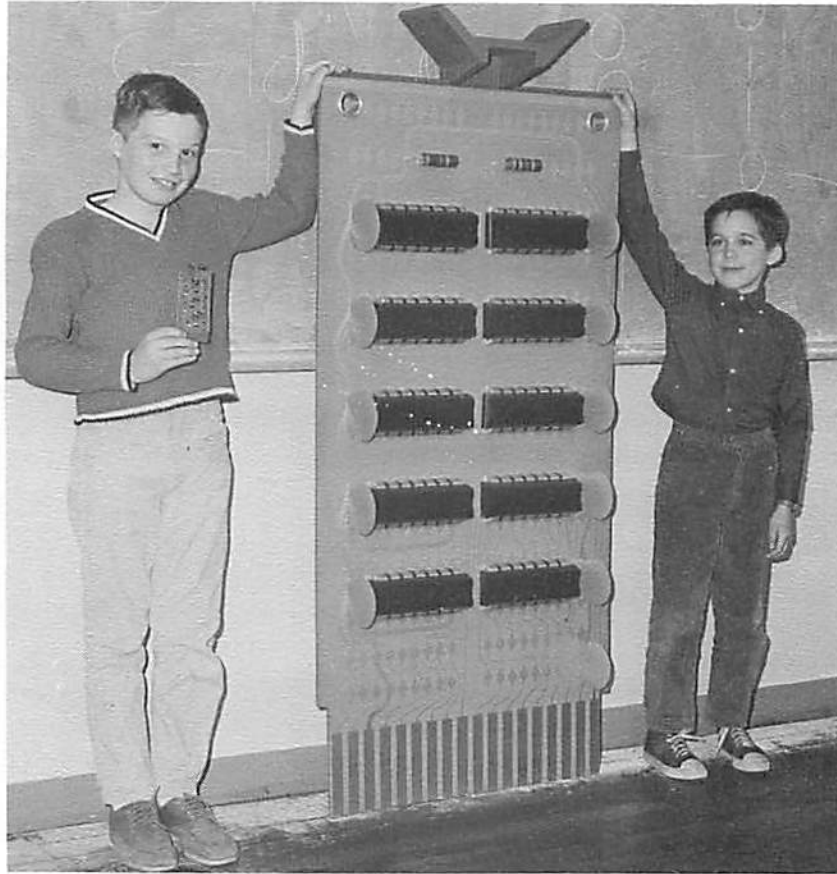
Annual Outing Site Selected

A new site has been selected for the Digital annual summer outing. This year's outing will be held on Saturday, September 21, at Pleasure Island, Wakefield.

Pleasure Island, located just off Route 128, is one of New England's most popular amusement parks. Built in 1959 at a cost of four million dollars, it covers 170 acres. The unusual attractions include antique car rides, Old Smokey (an authentic narrow-gauge, coal-fired railroad), pirate boat rides, live animals which children can pet and feed, and a simulated space ride in a replica of the Atlas-Mercury space rocket.

DEC employees, their husbands or wives, and children may attend. Single employees may bring a friend.

4th Grade Tour Leaves Unexpected Impressions



Bruce Bullerwell (left) and Kenneth Cossette, fourth graders at Maynard's Green Meadow School, stand beside a huge model of a Digital Module. (Kenneth is the son of Angela Cossette, DECUSCOPE Editor).

Just what does a nine-year-old child retain after a lecture on computers and a tour of Digital Equipment Corporation? We found out when members of the fourth grade class of Maynard's Green Meadow School write to Digital to tell us what impressed them most during their tour of the Maynard facilities.

Some were impressed by the buildings rather than computers. One girl noted, "We went up and down 175 stairs." A boy said that his best experience was crossing the bridge between buildings; and a little girl commented, "I liked the computer that plays tic-tac-toe the best. I liked the bridge we went over, too."

Others were impressed by the people. One pupil's letter read in part, "... I learned a lot about Digital when you showed us things. It's a day I'll never forget. It was so much fun. You looked very pretty. And I hope we have you for our guide all the time. It was a pleasure having you as our guide at Digital." Another child pointed out, "I liked the lady that split the modules."

Several pupils said they were most impressed by the machine that attaches handles to modules. Other manufacturing steps made lasting impressions, too. A boy wrote, "I like the silver wires that you put on the cards."

But our computers left their mark, too. "The part I liked best," wrote a girl, "was when I was able to play tic-tac-toe with a computer. I wish I'd won, but the computer is just as smart as I am because we tied." Another pupil commented, "What I liked best was when we saw the big computer in a room."

Some of the youngsters appeared to be thinking ahead to careers. A girl wrote, "I would like to work there, but I'm too young." Another noted casually, "It was fun to learn how computers work. When I grow up, I might work at Digital. I thought that modules were much bigger." Another commented, "It is nice to see that a lot of people like to work with computers. It is a nice job." Yet another said, "We had a good time learning about computers and 1 and 0. I'm so interested in computers now, when I'm old enough I will join Digital."

Rocket Shots Visible From Cocoa Office

Several issues back, On Line introduced Edmonton, Alberta, DEC's northernmost office on the American Continent. This month, we're featuring our southernmost office on this continent -- Cocoa, Florida.

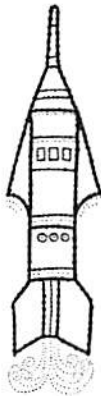
Cocoa, by contrast to Edmonton, which has temperatures ranging as low as 40 degrees below zero, has a balmy 72.7 degree average temperature. Located between Route 1 and the Trenton, New Jersey-to-Miami inland waterway, it is one of the closest communities to Cape Kennedy. In fact, it calls itself the "residential and commercial center of missileland." Rocket firings can be seen from the office building in which DEC's office is located.

Brevard County, in which Cocoa is located, claims to be the fastest-growing county in the United States. Cocoa, incidentally, also claims to be the "Salt Water Trout Capital of the World."

Branch Manager for the Florida District is Jim Curry, who joined DEC last year. He is a native of Kentucky and an engineering graduate of Evansville College, Indiana. He had worked for other firms in Florida prior to joining DEC. Field Service in the District is handled by Jud Gilbert and Jack Johnson. Jud had been serving in the United States Air Force in Florida prior to joining Digital in 1966. Jack, a native of Florida, came to DEC this year from the University of Miami Institute of Marine Science.

DEC has several computers at Cape Kennedy, but most of our installations are scattered throughout the state, which results in considerable driving for Digital's staff. The state extends for about 350 miles at its widest points, and the drive down the East Coast from Jacksonville to Miami is also about 350 miles.

Be sure not to confuse Cocoa, where our office is located, with Cocoa Beach. Mail, sometimes wrongly addressed Cocoa Beach, is delayed as much as a week before reaching the Digital office in Cocoa.



First PDP-9/T Nears Completion

A very large PDP-9 computer system with extensive special equipment to permit time-sharing of real-time data collection jobs is nearing completion in the PDP-9 Engineering area. Don Vonada has had project responsibility for this contract since it was won by Digital.

The special configuration was conceived by two of our customers in conjunction with Larry Seligman and Don. The implementation of the ideas falls to Don with the support of Joe Zeh and Ken Margeson of the PDP-9 Engineering group and Bob McGuire for diagnostic programming.

The time-sharing hardware is very extensive, and occupies one-third of the space normally occupied by the basic PDP-9. It is not normally possible to do such extensive work for a single customer, but Don's dedication to doing the job right the first time has greatly speeded the check-out. The use of a special PDP-10 module also helped considerably. Because of the time-sharing hardware this computer has been designated: PDP-9/T.



Jerry Tolman, Bowling League President, (left) accepts the high average trophy from Vice President, Harry Mann, at the annual DEC Bowling League Banquet, held at the Beacon Terrace, Framingham. At right is Ron Roetzer, Banquet Chairman.

Many Early Badges Still In Use

Thirteen of the first 20 Digital employee badges are still in use. Numbered badges were first issued in 1962, with Ken Olsen receiving Badge #1. Other numbers were then assigned according to seniority. When an employee retires, his number is withdrawn.

If you have a number in the thousands, there is no need to feel slighted. Because of DEC's rapid growth, it gains seniority fast. In the last six months, over 1,000 new numbers have been issued. Numbers in the 5,200's are now being given out.

Recently, a new system was adopted in Maynard for employees who forget their badges. They are required to sign in and, instead of receiving a plastic temporary badge, they are given a paper "stick-on" badge.

Of the first 20 badges issued, the following are still in use:

<u>Badge No.</u>	<u>Employee</u>
1	Ken Olsen
3	Stan Olsen
4	Paul Green
5	Alma Pontz
6	Gloria Porazzo
7	Lee Butterworth
9	Hazel Patterson
10	Ted Johnson
11	Robert Reed
12	Jack Smith
16	Bob Hughes
19	George Lord
20	Dick Best

'Tech Pubs' Now Technical Documentation Department

A new manager, a new name, and expanded capabilities are providing a modern look to the department charged with the preparation of our technical documents. The Technical Documentation Department, formerly known as Technical Publications, has as its new manager, John Bellantoni, former Promotion Manager for Picker Nuclear, White Plains, New York, a leading manufacturer of clinical nuclear instrumentation.

Added capacities include the creation of a Technical Illustration section within the Department. This section, headed by Bill Sullivan and including two other professional illustrators, was previously part of the Art Department.



DEC's technical illustration needs are handled by (left to right) Richard Atwood, Charles Manchester, and Bill Sullivan.

"We are organizing the Department so it can fulfill the high standards of technical documentation required by the Company, and provide professional documentation services required by the product line managers and engineers," says John.

"There is far more to technical documentation than writing and typing -- we must have a creative staff, technically competent writers, and all the capacities needed to produce professional materials. We'll also be relying a good deal on other Company services, such as the Printing and Photography Departments."

The Department's major function is to prepare and produce Digital's technical documentation, including the users' instructions and maintenance manuals, which must accompany every DEC computer and every DEC piece of equipment destined for a customer. Since computers rank among the most complex devices ever produced, a maintenance or users' manual is an extremely comprehensive and complicated document.

It must be written well, both from literary and technical standpoints; must include complex, yet clear, schematics; first-class illustrations; and must have a good appearance graphically.

The Department's 20-man staff includes eight writers, with Paul Tremblay (PDP-8), Ed Bogusz (PDP-9), and Dick Sheridan (PDP-10) as lead writers. Phil Kelley heads the production section, which is responsible for the work flow and technical typing services.

Bellantoni brings extensive experience to his new position. At Picker, his responsibilities included supervision of sales promotion, advertising, and marketing documentation. He has an electrical engineering degree from Bridgeport Engineering Institute and 10 years' experience in scientific instrumentation writing, promotion, and advertising.

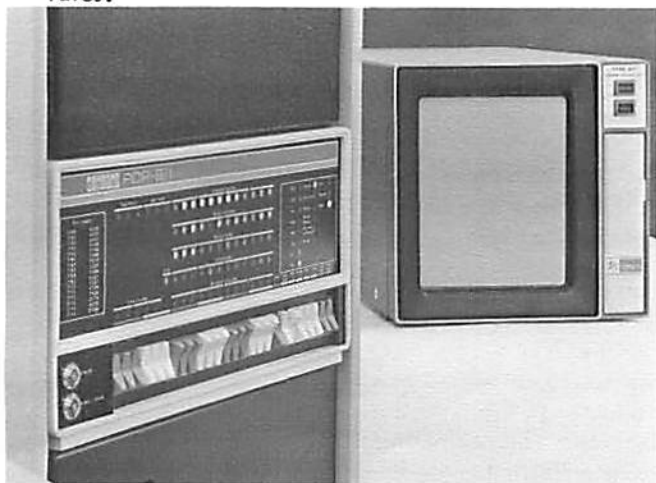


Among the staff of the Technical Documentations Department are (left to right) Paul Tremblay, PDP-8 lead writer; Manager, John Bellantoni; Phil Kelly, Production Supervisor; and Richard Sheridan, PDP-10 lead writer.

New Products

The latest additions to the series of new products which DEC has been introducing at a steady pace include:

- A new storage tube display controller, the VD-8/1, which can be used as a plug-in option for the PDP-8, PDP-8/I, and PDP-9 computers. The controller reduces the amount of core storage and time needed to generate a given display. It requires no display refreshment and operates at comparatively fast output rates.



New storage tube display controller.

- The GasChrom-8, a new computer-based system for analysis of data from multiple gas chromatographs. Priced at \$45,000, the GasChrom-8 is designed to save the analyst time, reduce the possibility of human error, and increase the efficient scheduling of laboratory instrumentation.
- QUICKPOINT, a new, low-priced, computer-based system for preparing numerical control tapes. It is intended for the metalworking market and uses a newly-developed conversational language, which can be learned by machinists or parts programmers in half an hour. The only skill required by the operator is the ability to read a part drawing.

May Anniversaries

2 years

Ruth Chevassu
Gerard Chiasson
Patricia Colby
Clark Crocker
Ronald Dudley
Donna Gravelle
Arthur Howell
Shirley Houle
James McEwen
Richard Mitchell
John Murphy
William Norris
Joseph Przybyszewski
Ronald Wilson
Gladys Wroe

5 years

Donald Bevins
George Bourbeau
Charles Flint
Arthur Guild
Barbara Hatch
Robert Lane
Joseph Michel
John Richardson
Donald Strait
Roger Williams

6 years

Lisbeth Klein
Dennis O'Conner
Josephine Reilly
Francis Schipper
Helen Smith

3 years

Jeffrey Blundell
Christine Cobb
Glenda Hicks
Freda Jones
Valentine Kassessinoff
James Kelly
Al Kimmel
Bonnie Korsman
James McHugh
Diethelm Ringleb
Jennie Vincent
Taimi White
Claire Yanchuski

7 years

William Colburn
Rena Hebert
Frank Kalwell
Robert Lassen
Don Murphy
Douglas Raymond
Richard Tringale

8 years

Russ Doane
Dennis Healy
Don White

4 years

David Ambrose
Eleanor Mariano

9 years

Anne Gill
Norm Perryman

Art Services Reorganized



Digital's art staff includes (left to right) Dave Raymond, Elliott Hendrickson, and Norman Royle.

Digital's increasing needs for first rate in-house art services have resulted in a reorganization of the Art Department. The art section, headed by Elliott Hendrickson, is now part of the Advertising and Sales Promotion Department; and the illustration section, headed by Bill Sullivan, has been assigned to the Technical Documentations group.

The rearrangement will allow the art section to concentrate more heavily on advertising, sales promotion, and corporate image projects. It will also allow the Advertising Department, which produces DEC's advertising and product promotion material, to make more effective use of the artists' creative abilities.

The art staff, which includes Elliott, Norman Royle, and Dave Raymond, designs the Annual Report and the great variety of product promotional pamphlets and booklets. Recently two of their projects -- product brochures -- won coveted Boston Art Director's Club awards.

Elliott has had extensive experience both as a free lance artist and with Boston advertising design studios. A graduate of the Vesper George School of Art, he also studied under John Corbino and Sam Hershey, two noted American artists. He is a talented painter, and his works have been frequently exhibited.

Dave is a graduate of the Boston University School of Fine Arts, and Norman is a graduate of the Vesper George School of Art.

New Appointments



George Rice was recently named PDP-8 Marketing Manager. A graduate of Rensselaer Polytechnic Institute, he joined DEC in 1962 as a sales applications engineer in the Northeast Region.



Normal Doelling has joined DEC as Marketing Manager for Educational Markets. A native of Philadelphia, Pennsylvania, he holds degrees from Amherst College and M.I.T. He had previously been serving as a sales manager with General Electric. He served as a vice president with Bolt-Beranek and Newman, a user of DEC equipment.



Harold W. Trenouth has joined DEC as Production Supervisor. He had been serving as General Foreman with the Ford Motor Company in Dearborn, Michigan. He was born in Canada and earned an engineering degree at the University of Michigan and an MBA at Wayne State University.

Eli Glazer has been appointed District Sales Manager for Long Island. He comes to DEC from the Brookhaven National Labs where he was a development engineer. A graduate of the City College of New York (BSEE) and Columbia University (MSEE), he has had considerable experience in bubble chamber data processing for high energy physics.