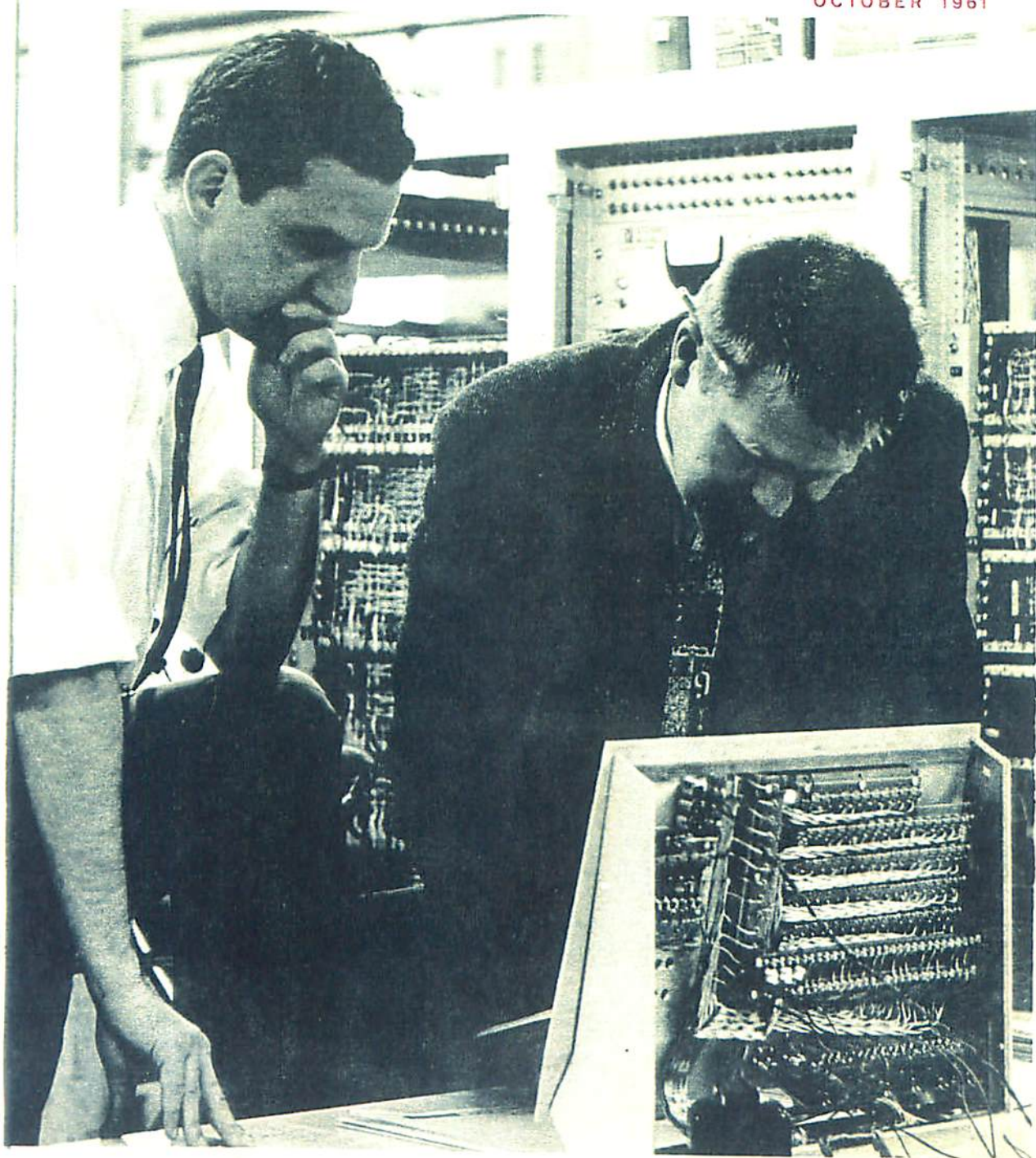
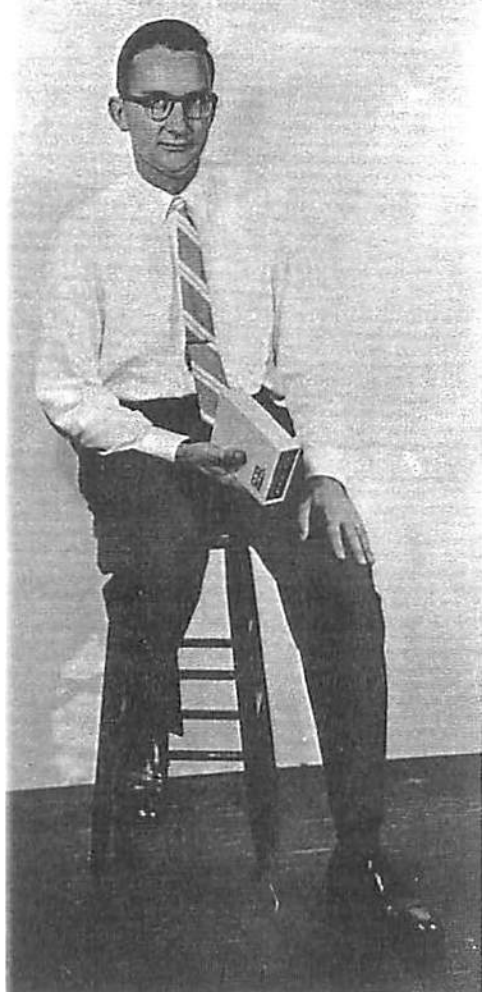


ONLINE

OCTOBER 1961



MEMO FROM H.E.A.



You and the Customer

Have you ever thought about the people who buy DEC products? Who are they? Why do they buy DEC products instead of some other brand? What do they use the products for? What does the customer mean to me as a DEC employee?

Most DEC customers are engineers or scientists working on research projects. Many of these projects are related to our country's military preparedness program. DEC equipment is helping to analyze the information that satellites radio back to earth about what outer space is like. Our new computer, the PDP-1, is helping to train sonar operators to listen more carefully to echos bouncing off ships. MIT students will soon be taking computer courses in which they learn how to use the PDP-1. In Europe, physicists are using DEC modules to help probe the structure of atoms. In California, engineers are using our memory testers to help manufacture computer memories.

Each and every employee of DEC can take genuine pride in these widespread uses of the products we manufacture. Every time you touch a DEC product you are coming in contact with one of our customers. He depends on you to do a quality job and to use craftsmanship in everything you do. The standard of performance that our products must meet depends on quality. The growth of DEC in the past several years is something that all of you can be pleased with. Without your craftsmanship and carefulness, it would not have been possible.

We as a company must continue to earn our customer's respect by continuing to provide him with a quality product. You, as an employee of DEC, play an all-important role in all of this. The future of DEC and your job are directly dependent on how well the customer likes DEC products. Take your work seriously and reap the benefits of satisfying yourself and a customer.

ONLINE

Published monthly for employees of DIGITAL EQUIPMENT CORPORATION, 146 Main St., Maynard, Mass.

Editor	Robert Lassen	Production Coordinator	Jacquelyn Micklay
Assistant Editor	Peter Bonner	Staff Artist	Frank Howland
News Coordinator	Barbara Charnock	Staff Photographer	George Lord
	Staff Advisor	John Atwood	

Cover Photo: Al Blumenthal and Ben Gurley working on computer check-out procedures.

Predictable Weather

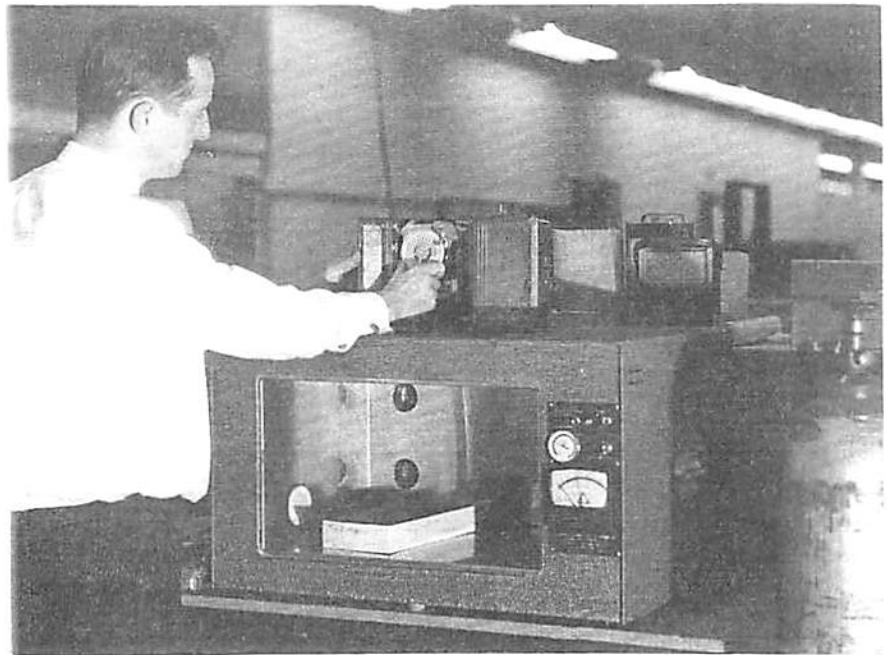
If you have recently traveled to the far reaches of DEC's newly-acquired area, alias Building Four, you might have seen three engineers crowding around a steel box peering intently through a glass window in the door. Closer inspection would reveal that the three were none other than Derrick Chin, Jim Cudmore and Russ Doane.

The other day our curiosity got the best of us, and we asked what they were doing.

Russ spoke first, stating that, since customers have a variety of temperature conditions they wish DEC Modules to perform under, it is necessary to test the basic design of each module before it goes into production.

Jim added that our Environmental Test Chamber, by switching on an electric heating unit, is capable of simulating a "summer sizzler" or, by evaporating liquid carbon dioxide, of simulating a winter cold snap. Concluding, Jim stated that quite often when a cold test is being performed, one can actually see FROST forming inside the chamber.

Therefore, any given temperature condition can be checked. And, according to Russ, a recent automatic cycling addition designed by Jim enables them to uninterruptedly check temperature extremes. Derrick noted that the auto-

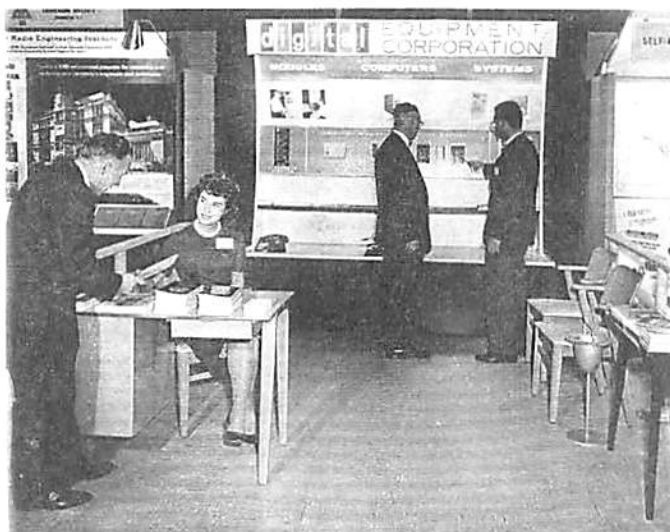


Jim Cudmore sets the automatic timer controlling DIGITAL's Environmental Test Chamber.

matic cycling of environmental conditions, which replaces the older, less efficient manually-operated cycling procedure, is a great saver of time and energy.

Because wires connected to the module in test lead from the chamber to the outside, a unit can be closed inside and subjected to tests for extended periods of time. Under this arrangement the wires leading from the chamber can be connected to any desired external testing devices without disturbing conditions inside the chamber.

Russ concluded that because of this Environmental Test Chamber with Jim's device, and other similar testing provisions, the pre-production testing of modules has been greatly facilitated and Digital Customers are assured of a DEC Module operating over its advertised temperature ranges.



"Miss Digital" helped make Toronto show a success.

SHOW BIZ

Digital winds up a very active year of trade show participation with four final appearances in November and December. The show schedule, which began with the I.R.E. Show in March, has put our products on display from Los Angeles to New York and from Dallas to Toronto. The remaining events are:

- Nov. 6-8 Conference on Non-Linear Magnetics
Statler Hotel, Los Angeles
- Nov. 13-16 Conference on Magnetism and Magnetic Materials, Hotel Westward Ho, Phoenix
- Nov. 14-16 Northeast Electronics Research and Engineering Meeting, (NEREM), Commonwealth Armory, Boston
- Dec. 12-14 Eastern Joint Computer Conference, Sheraton-Park Hotel, Washington



NEW TUITION REFUND PLAN

Recently the Company announced the addition of a Tuition Refund Plan to its list of employee benefits. The details of the plan were specifically outlined in a recent letter to all DEC employees and should be referred to when applying for tuition refund eligibility.

If you plan to enroll, or if you have already enrolled for the September semester in an accredited school or course, and if the course is related to your duties at DEC, we urge you to apply now for tuition refund eligibility. Upon achievement of at least a "B" Grade (80% average or its equivalent), you will be reimbursed for the amount of tuition that you paid during course registration. DEC will grant up to \$200.00 in any one calendar year.

Since this geographical area is blessed with many excellent accredited trade, business, technical and engineering schools, it is possible for you to receive valuable educational training in your respective career field. All of these schools have trained advisors to help you "map out" a satisfactory program. Also, if you wish, your supervisor or department head will be happy to aid you with your program. The Personnel Office maintains an active file of school course catalogs which are available for reference at all times, and we will be happy to answer any question you may have with respect to the plan.

Thus, the establishment of a Tuition Refund Plan marks a major step forward in DEC employee benefits with respect to personal training and development. Therefore, we urge you to give serious thought to selecting a program which can help you further your career.

SAFETY FIRST

Although the individual causes of industrial accidents are many and complex, each one can basically be traced to either unsafe personal actions or unsafe physical conditions.

We cannot deny that we are all guilty of unsafe actions at one time or another, although most of the time we are completely unaware of this. We are prone to take short cuts which quite often prove to be unsafe when compared with the proper method and use a more hazardous method as an alternative. But unfortunately whether it be in the plant, the home, or in our automobiles, our unsafe actions quite often result in injury to innocent people. Lack of knowledge, lack of thought (carelessness) and lack of foresight are three major personal causes of accidents.

Improperly guarded equipment or machinery, poor work layouts, crowded conditions, improper safety devices, faulty equipment and last, but by no means least, poor housekeeping are some of the basic causes of accidents which fall under the category of unsafe physical conditions. Although it is known that personal actions cause most industrial accidents, unsafe conditions are a very definite threat and must not be overlooked. The only way of insuring continuous safety is for all of us to be "Safety Conscious" with respect to both our personal work habits and our observations of physical conditions. If we all bear this very serious responsibility, our own safety and the safety of our fellow employees will be guarded much more carefully. We therefore urge you to report all unsafe practices and conditions to your supervisor.

Fortunately, due to the nature of our manufacturing processes, DEC is a safe place to work. We do not use many

high-speed hazardous machines or tools, our work space is adequate and our equipment is safe. This does not mean, however, that we are immune to accidents and that we can relax our vigilance. It does mean that through constant application of proper safety practices with respect to both ourselves and our facilities, we can make DEC an even safer place to work.

People Helping People

Today when an emergency call came in for a Blood Donor - Type O Negative, Dot Spaulding and Bob Borella, Drafting and Larry Conley, Systems all proved why America is the way it is today. By volunteering without hesitation, they set a wonderful example of people helping people. They did not know, nor did they ask, who needed the blood, but they were willing to give their own to help.

To me, and I believe to a lot of others who came here from different countries, it will always be a miracle how fast people push aside their own problems when somebody else is in need. It surprises me each time I see an example of these kindnesses and how perfectly natural and "matter-of-factly" they extend that helping hand without the expectations of great rewards.

Hilde Mac Nevin



Wait 'Til Next Year

That was the cry of "Doze Rebels" as they went down to defeat - oh well, fellas you can't win 'em all. By now most of us have recovered from the charley horses and pulled muscles received from a rather strenuous but enjoyable day at Camp Ararat. On a sunny and cool September 16th about 350 DEC men, women, children, girl friends, boy friends and relatives swarmed onto the camp grounds to devour large quantities of delicious roast beef sandwiches on fresh bulkies, hot dogs, hamburgs, tonic, watermelon, corn on the cob and other goodies. After stuffing ourselves, most of us proceeded to the softball diamonds, volley ball and badminton courts and the horse shoe pits to relive our youth while the kids competed for prizes in the treasure hunts, sack races and three legged races. The little tots (and some of the big ones too) kept three weary ponies busy all day long.

Messiest events of the day were the blueberry pie eating contests which were hilarious except to the mothers who had to perform a major scrubbing campaign on their young ones after the last pie was gobbled up. Funniest event of the day was the "Old Timers" sack race won by "Kangaroo" Dave Denniston. Actually Dave won by sheer fear of survival when he turned to see heavyweights Ben Gurley and Ken Olsen barrelling down upon him completely out of control. Most strenuous events were the many softball

games, the last of which was called because of darkness. Sluggers like Johnny Stephanowicz and Jim Cudmore received some stiff fielding competition from such airtight infielders as "Thumbs" Dill and "Greasy Fingers" Crouse. Over on the gals diamond stalwarts like Sheila Paul, Barb Charnock, Vera Silva, Sandy McDowell, Jess Pieciewicz and Lois Baker were proving there is no weaker sex. It is rumored that one of the girls teams had a centerfielder with a beard. After investigating we found "she" was also connected with the old Black Sox scandal. Volley ball, normally a "sissy's" game, received some unusual innovations - as a matter of fact, one game looked more like the Battle of Gettysburg.

When the games and contests were completed, we began to hear the strains of a guitar and an accordion with Dick Best calling "form your squares." Dick and his wife Beth did a wonderful job in providing us with a load of good old fashioned fun - especially for those of us who were square dancing for the first time.

At the close of the evening the young-at-heart stayed to practice their waltzing, cha cha and rock and roll while the rest of us took our weary bones and wearier kids home to bed.

Our many thanks go to Frank Kalwell, Pete Bonner, Barb Charnock, Marilyn Cunningham, Jackie Micklay, Helene Shebak, Linda Foster, Ginny Mills, Bette Gurley, Corky Lassen, Bob Dill, Fred Gould, Flo Davis, Jo Russello, Jess Pieciewicz, Frank Howland, Al Andrews, and Dave and Maury Denniston who pitched in to help make our picnic an enjoyable one.





WHO'S WHO



DAVE DENNISTON is in charge of the New York District Office at Clifton, N.J. A 1958 graduate of Worcester Tech, Dave was with the Federal Aviation Agency before joining the Applications Engineering Group at Digital. His new bride, Maury, is continuing her studies as an education major at Fairleigh Dickinson University in nearby Rutherford.

BOB BECKMAN manages the new Washington District Office. After World War II service in the Navy, Bob attended Colorado University. He re-enlisted in 1948 and became head of the Fleet Ballistic Missile Special Technology Course at Dam Neck, Va., before coming with Digital. He and his wife, Evelyn, have four children - two boys and two girls.

WHO'S NEW



LEFT TO RIGHT: LOIS BAKER (ASSEMBLY), BARBARA BERGERON (ENGINEERING), ANNIE BICKFORD (ADVERTISING), ROBERT BLACKWOOD (PURCHASING), FRANCIS BOUMIL (MACHINE SHOP).



LEFT TO RIGHT: ELSIE BUHRIG (QUALITY CONTROL), DENISE CARON (ASSEMBLY), FLORENCE ELWIN (ASSEMBLY), VEIJO EPAILYS (MAINTENANCE), MARGARET ETHIER (ASSEMBLY), RICHARD FLAHERTY (SYSTEMS), HARRIET FOURATT (ASSEMBLY).



LEFT TO RIGHT: DOROTHEA FRANCE (ASSEMBLY), MILDRED GIBSON (ASSEMBLY), VELMA GRASSEIER (SALES), LORRAINE HENDLEY (ASSEMBLY), MICHELE MOORE (SALES), MILDRED OMFRACKE (SALES, NEW YORK OFFICE), THOMAS QUINN (SALES).



LEFT TO RIGHT: MAY RAYNOR (ASSEMBLY), GLORIA REGO (ASSEMBLY), MILDRED RIGNEY (ASSEMBLY), JEAN SIMARD (ASSEMBLY), ALIDA STONE (SWITCHBOARD), KATHLEEN TRAVAGLINI (QUALITY CONTROL), ARTHUR VARTANIAN (DRAFTING).

Fun for All Ages



The first DEC Bowling League is now in full swing. Every Tuesday evening at 5:30 P.M. you will see fifty DEC guys and gals "tearing up the lanes" at the Concord Bowlarena. Ten mixed teams have been arranged based upon a two week average, and they are now battling furiously for the championship.

The Bowling Committee has done a fine job organizing the teams and working out the myriad of details involved with the setting up of a bowling league. The Committee members are: Cliff Fuller, Chairman; Fred Mac Lean, Treasurer; Sheila Paul; Sandra Mc Dowell; and Fred Gould.

We understand that the teams are looking for a cheering section so if you are looking for excitement go over to Concord next Tuesday and make some noise for your favorite team. The bowling league is a company sponsored function and is subject to the rules governing company functions. In other words, common sense prevails.

So far Bob Graham has top honors for the fellows with a High Single of 137 and a High Triple of 327. Caroline Maria is currently our top gal bowler with a High Single of 110 and a High Triple of 299. Team #3 (Captained by Dave Dubay) and team #4 (Captained by Jon Armour) are tied for top honors, however, the season is young and the competition is keen. We hate to inject a note of discouragement, but I am told that Team #8 (Captained by Ken Peirce) is holding up the rest of the league. Come on, Ken, give your team an old Knute Rockne pep talk.

YOUR GROUP INSURANCE

Because your Group Insurance Plan is one of your most valuable assets and because insurance contracts in general are rather complicated, we are going to attempt to point out to you each month at least one pertinent bit of information which will help to give you a better understanding of your group coverage.

Do You Have a Weekly Disability Income Benefit Rider?

To answer this question, check your insurance certificate to see if you have an additional slip either attached or enclosed that will indicate that your "Weekly Disability Income Benefit" was increased simultaneously with any pay increase you may have received since you started work at DEC.

The amount that should show on your insurance Rider (a piece of paper 8" long by 3 1/2" wide, with John Hancock written at the top) should coincide with your salary as indicated in your insurance booklet under the "Weekly Disability Income Benefit" schedule.

If you are a new employee and have been here less than 3 months, this article will not pertain to you until you become eligible. Also, if you have not received an increase, the amount in question will show on your insurance certificate rather than on a Rider.

Anyone finding a discrepancy regarding the amount of weekly compensation versus their salary range should advise the Personnel Office immediately so that this factor may be rectified.

Happy Birthdays

SEPTEMBER

Lee Butterworth	3	Arthur Brazee	21
Dennis Healy	3	James Hogan	21
Veijo Epailys	4	Lawrence Cleary	22
John Brown	5	Clifford Fuller	22
Robert Blackwood	8	Shirley Wright	25
James Myers	14	Allen Andrews	25
Robert Sanders	14	Madeline Tracey	26
Thomas Houston	17	Edward Duggan	28
Clara La Valley	17	David Pinkney	30
Florence Dudzinski	18	Dorothy Bergeron	30
Ann Bickford	19	Jill Jennings	30
Herman Dumas	19	Marion Murphy	30

OCTOBER

Jack Williams	3	Herbert Bornstien	19
Herbert Norton	6	Muriel Thompson	21
Loren Prentice	7	Richard Mangsen	22
Fred Mariani	10	Warren Marshall	23
Michele Moore	10	David Shufat	23
Paul Gadaire	12	Mildred Savoy	27
Harlan Anderson	15	Robert Graham	29
John Dinopoulos	18	Peter Januskiewicz	29

STRICTLY PERSONAL

ADVERTISING

Barbara Currin

A week or so ago a group of us went to an open house at the Airborne Research Lab (Raytheon). We were given a fine dinner and a guided tour of the reproduction center. We learned many new processes and really enjoyed ourselves.

Now for a few personal notes -- green seems to be a favorite color for one of our gals. When do we see the new coat, Jackie? One of the gals is knitting, but she's knitting a sweater for herself, a beautiful blue cardigan. We'll have to see it when it's finished. How about lessons for us, Carol?

ASSEMBLY

Charlene French

We are all glad to welcome Betty Mariano back after her long absence. We all missed you, Betty.

We have many new girls in our department now: from Hudson, Gloria Rego, Alice Johnson (who also acts as a substitute nurse) and Ethel Sousa; from Sudbury, Florence Elwin; from Maynard, Dorothea France, Helene Butcher, Lois Baker, and Harriet Fouratt; from Leominster, Lorraine Hendley; from Acton, Margaret Ethier; from Marlboro, Mildred Rigney; from Fitchburg, Beverly Dillane; and from Stow, May Raynor.

Some of the girls have gone into assembling the boards. Jean Mattson did a real nice job filling in for Betty when she was out.

While I'm handing out praises, a word about the wonderful time had by all at the DEC Annual Picnic. All of the children had a marvelous time and are looking forward to next year's outing. That's all until next month.

Josephine Russello

There have been many changes in Production recently. The girls in Systems Wiring have moved upstairs to the third floor. For the first two weeks it was very quiet. Then along came the carpenters, electricians and plumbers with all their noisy power tools, and it hasn't been the same since.

There are a few new faces in George Gereld's section whom we would like to welcome. Bud Dill, who is originally from Gardner, Maine, is now living in Maynard, Arthur Parks from Boxboro and a former employee of Slaton Jewelers, Brad Dean from Worcester and Ed Duggan, also from Boxboro.

Muriel High, in our Stock Room, also has a new helper whom we will all meet at one time or another. His name

is Herman Dumas from Hudson. Anita Millett has returned from Mississippi where she spent part of her two-week vacation. Of course, we know she is glad to be back to work - aren't you, Anita? By the way, who in Production with the initials of GMP is sporting a new 1961 Buick?

DRAFTING

Brunhilde MacNevin

Judging from Roger's mood these last few days, we think that the Melansons are very happy with the new arrival in their family. A boy - - - - born September 27 in Fitchburg. We are pleased to hear that both mother and son are doing fine. Father survived the suspenseful waiting and is beaming now. We all wish him and his family the best for the future.

P.S. Since they cannot agree to a name, maybe we ought to have a contest - what will the prize be, Roger?

From Don Desrosiers we hear that he got along so well with the ponies at our DEC Picnic, that he is seriously thinking of trading his Ford Convertible for a four-legged ride. So don't be surprised if he comes riding in one of these mornings----ON HORSEBACK.

The musical member of our department is undoubtedly Bob Borella. Bob is now playing the bass-guitar in a band four nights a week. You might enjoy hearing their music on Tuesday and Thursday at the ELM CLUB in Hudson or on Friday and Saturday at the CANTEEN, South Street in Marlboro. If you are really lucky, you may even hear Bob sing a solo!

If by any chance you see Dennis Healy walking through the plant with green spots on hands and face, it does not mean that he got a little too close to a Martian but that he is merely busy working on his house, and it's our guess that he's down to the final touches. We hope he will enjoy the fruits of his labor for long years to come!

ENGINEERING

Ruth Alving
Rebecca Lizotte

We are sure everyone has heard of Jon Fadiman's recent business tour of Europe and Great Britain. Jon and his wife, Mary Lou, left Logan for Amsterdam, Holland on Thursday, August 24th. In the following two weeks, he visited companies in Holland and Belgium. His tour then took him to Germany where he visited firms in Stuttgart, Munich, then on down through Switzerland to Zurich and Geneva. Then on to Paris where Jon and his wife enjoyed a well deserved vacation. Winding up his tour in England, he took in the computer show in London and finally a tour of southern England before returning home.

Awaiting Jon's arrival is his new secretary, Barbara Bergeron, who is fast becoming a familiar face here at DEC since her arrival a month ago. She has been working with Eleanor Parker until she came up to Engineering to prepare for Jon's arrival.

We would like to welcome a new Engineer, Arthur Hall, who has been assigned to the Computer Division.

Don White is conducting a Circuit Theory Class for the technicians on Monday, Wednesday and Friday mornings. We hear that Don is very pleased with the enthusiasm and attendance at these classes.

James Hogan is the proud father of his second child - a boy, 7 lbs., 7 ozs., named Stephen Anthony.

Thaddeus Rydzewski was also seen passing out cigars. He reports a boy, 9 lbs., 2 ozs. Ted is now serving on active duty with his army reserve unit.

There seems to be quite a bit of enthusiasm among the technicians about taking night courses. John Coates is enrolled at Northeastern two nights a week, as well as Larry Conley, and many of the others are contemplating school this semester and next.

We heard that John Simeone got married Saturday, October, 15th. The lucky bride was Miss Eileen Costello of Watertown. They took a wedding trip to Washington, D.C.

Our best wishes go to Becky Dodge (oops! Becky Lizotte). Becky became the bride of Mr. William Lizotte, also of Maynard, at a very lovely Autumn wedding on Saturday, September 30th. The couple honeymooned in the Pocono Mountains in Pennsylvania and will reside in their newly purchased home in Maynard.

Speaking of traveling, Gordon Bell has recently returned from a trip to Great Britain. His trip was comprised of a visit to the Computer Show and Symposium and visits with various firms in the area.

Dick Whipple had an interesting experience on a recent trip to Ampex Computer Products in Los Angeles. He stayed at the Thunderbird Motel and was surprised to learn that this motel has five rooms permanently reserved for the U.S. Astronauts, with name plates on the doors.

MACHINE & SHEET METAL SHOPS

John Grieves

David Shufat, Foreman of the Machine Shop, tells us that Roland Gosselin has enrolled to take a two-year tool and die course at Franklin Institute in Boston and that David Nevela has returned to Northeastern on the co-operative plan.

Anyone living in the Fitchburg area and willing to have a rider, please contact Beverly Dillane or the Personnel Department.

PURCHASING

Deborah Lloyd

Greetings from the Purchasing Department - - - all of us! The new face you have seen in the department is that of Bob Blackwood who is our expeditor for production items. Bob comes in all the way from Dudley, Mass., and we are all happy to have him with us. Welcome to DEC, Bob!

All of us who went to the Annual Digital Outing had a great time playing softball and square dancing. Henry Crouse rated Ace as badminton player, but we think Frank Kalwell enjoyed buying baseballs, bats, and football equipment beforehand almost as much as the outing.

A week or so ago, a farewell dinner was held at the Colonial Inn for Ione Murray. Ione, as you remember, had to leave because of a sprained ankle. Since then she's had better luck though; she and her husband, Dick, have bought a new house down in Gloucester - right on the ocean (now if that isn't a cool maneuver). Ione's luck is our misfortune - the Purchasing Department will miss her. At the dinner we contributed a set of white dishes for Dick's new castle, but Ione assured us that she will enjoy them too.

Georgie Mickevicz, also one of our alumnae, sent us word from California that she is now the mother of a baby girl, Karen Anne. Wish we could all give our 'congrats' in person.

The new memo concerning the DEC tuition fund has been received with favor in our remote outpost. Elaine Fletcher, an evening student at the Boston Conservatory, is considering the possibilities of innovating a musical paging system.

SALES

Geraldine Haynes

New York Office

Our office is in an ideal spot as far as transportation is concerned. Both the Garden State Parkway and highways to New York City are within two or three minutes from our parking area. The New York skyline is visible from just around the corner on a clear day. The building itself is a single story colonial brick structure. On one side of us is an office occupied by real estate and insurance people and on the other is Patsy the barber. There is one other space in the building which is still vacant.

Our "staff" consists of two people: Dave Denniston and Millie Omfracke. Although only with us for a few weeks, Millie feels right at home with DEC already. Her home was originally in Worcester, Mass., and she expects to visit there soon and take in the sights in Maynard while there.

Our objectives are simple. We try to keep all our present customers as happy as possible by quickly answering any questions they might have. Also, we try to turn all the good prospects in this area into customers so that we can keep them happy too.