

ONLINE

December, 1965

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

Lots of Excitement At Our Fall Joint Booth

First showing of our PDP-7 working with a 340 Display, announcement of the new Type 338 Programmed Buffered Display, and two working Logic Laboratories were featured in our Fall Joint Computer Conference booth in Las Vegas this month.

The PDP-7 and 340 Precision Incremental CRT Display with photo-optic light pen displayed output from scientific programs and created examples of automated drafting and design. The demonstration also showed the versatility of DECtape, Digital's significant new concept in magnetic tape systems, in program and data storage and retrieval.

Fall Joint marked the formal announcement of Digital's new 338 Programmed Buffered Display System which incorporates a small, high speed, general purpose PDP-8 computer. Providing maximum flexibility, DEC's 338 can be used both as a satellite to a larger computing system, and off-line as a self-contained, self-generating display. The PDP-8 computer can also operate off-line for engineering and scientific computation. In our booth was a large photograph of the 338, along with documentation, brochures, and news releases.

Two Logic Laboratories were demonstrated. One was selected by FJCC officials to be shown in their "Dimensions in Learning" display, where it was used for analog-to-digital conversion. Another Lab, used in our own booth to drive a stepping motor, showed the Lab functioning as an industrial

breadboarding device.

Twice a day guided tours visited the "Dimensions in Learning" display. These visitors, consisting primarily of teachers from various parts of the country, showed interest in the Logic Lab. According to Saul Dinman, several spectators at our booth talked about possible industrial applications they were considering.

Other activity in our booth included a display of our FLIP CHIP module line, a PDP-8 computer, and a remote time-sharing demonstration which featured a JOSS console connected to RAND Corporation's PDP-6, and a teletypewriter terminal running programs to our large computer in Maynard.

Over 4,000 registered visitors, plus some 1,700 exhibitors, attended this show. Large booths, wide aisles, and well placed lounge areas contributed to the attractiveness of the setting. Digital's booth was extremely well-placed, bordering on the main lounge area next to CDC and diagonally opposite to IBM.

Dave Cotton, PDP-7 Marketing Manager, reports that the people visiting our booth were highly competent buyers and users.

The 1966 Spring Joint Computer Conference will be held in Boston's new War Memorial Auditorium, with Digital's Harlan Anderson serving as General Chairman. Next Fall's Conference will be held in San Francisco.

PDP-7's Used To Detect Nuclear Blast, Quakes

Much in the news lately has been LASA (Large Aperture Seismic Array), a system designed to detect underground nuclear blasts and earthquakes. It may well become an important step on the road to a nuclear test ban treaty.

LASA will use three PDP-7's; two have already been delivered. One is at the LASA Data Center at Billings, Montana (where 525 seismometers are scattered over 10,000 square miles); another will be delivered there. The third PDP-7 is at Lincoln Laboratory to develop and test new processing programs for subsequent use at Billings, and to supplement over-all data processing capabilities.

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At LASA Data Center -- A PDP-7 and two tape units are shown in operation at the Billings, Montana, LASA Data Center, recording and processing information from 525 seismometers scattered over 10,000 square miles.

Open House Attracts Praise From Teachers



Display of interest -- Showing his interest in our 340 Display System was James T. Joyce of Coolidge Junior High in Natick. About 60 members of the Central Massachusetts Industrial Arts Teachers' Association attended our recent open house.

The success of Digital's recent open house for members of the Central Massachusetts Industrial Arts Teachers' Association speaks for itself.

Philip M. Livi, Supervisor of Industrial Arts at Groton High School, writes: "We have, as a group, visited many industrial plants; and yours has been to me the most worth-while, informative, and satisfying of all."

Walter H. Brzezinski, Electronics Director of Concord-Carlisle High School writes: "It has been a long time since I had such an enjoyable and educational tour." Another typical comment comes from Raymond L. Leslie, Work-Study Coordinator at Concord-Carlisle: "I wish to express my appreciation and thanks for a most enjoyable evening."

Serving as tour guides were Don White and Ken Fitzgerald. Handling the two computer displays were Chuck Stein and Jim Davis. Many others, too numerous to mention, helped in the presentation of this most successful open house.

JOHN BURROUGHS DESCRIBES PDP-8 ON TELEVISION



Our Washington office reports that DEC's John Burroughs appeared on a local television station to answer questions about the PDP-8 computer. John was interviewed over WGHP-TV in High Point, North Carolina.

Digital Trainees Receive Their NEW Assignment



Receives his diploma--James Wengler (r) receives his Basic Technician Course diploma from Personnel Manager Bob Lassen. He is a Electronic Engineering graduate of Wentworth Institute.

Students of Digital's fifth Basic Technician Course graduated recently after seven weeks of intensive training.

We offer this unique opportunity to select trainees who earn their regular salary while learning. Their increased ability helps Digital meet its growing need for skilled technicians, and improves the individual's chances for a more responsible position with the company.

Each of the nine graduates met the prerequisite for our course through graduation from an approved electronics school. Schools represented included Wentworth Institute of Boston, Pennsylvania Technical Institute, and R. C. A. Technical Institutes of New York City and Cherry Hill, New Jersey.

New assignments of the recent graduates are: Small Computer Check Out, John Reardon, Leonard Contrastano, Kenneth Delanoy, David Shoesmith, and David Cafferty; Peripheral Test, Howard Brocius; Final Test, Modules, Robert Serafini; and Field Service, John Doerfler and James Wengler.

Digital's PDP-8 was picked by the station as one of the most interesting displays at the North Carolina IEEE Regional Convention, in Greensboro, N.C. The interview with John was carried on two of the station's newscasts.

John explained PDP-8 applications in government, industry, and education. He held up several FLIP CHIP™ modules for close-up shots.

This is just one more of the many honors already accorded the PDP-8. Others have included: Design USA selection as an "Outstanding American Product; selection as one of the top ten products in last year's ISA Instrument-Automation Conference and Exhibit; and designation as a Certificate-of-Merit winner in the Associated Industries of Massachusetts Design Competition.

Four Long Weekends And Three Extra-Long Weekends In 1966 Holiday Schedule

In 1966, our 9-1/2 company-paid holidays will all tie into weekends. Four of these weekends will be three days long, and three will be either 3-1/2 or 4 days long. All seven weekends come at times when most public schools are closed, so we have the opportunity to plan family-type activities for each holiday.

New Year's Day and Christmas will both be observed on the Monday following the holiday next year, and the half-day before Christmas will come on the preceding Friday. The assignable holidays are set for the Monday before Patriots' Day and the Friday after Thanksgiving.

JULY

| SUN | MON | TUE | WED | THUR | FRI | SAT |
|-----|-----------------------|-----|-----|------|-----|-----|
| | | | | | 1 | 2 |
| 3 | 4 INDEPENDENCE DAY | 5 | 6 | 7 | 8 | 9 |

JANUARY

| SUN | MON | TUE | WED | THUR | FRI | SAT |
|-----|---------------------|-----|-----|------|-----|-----|
| | | | | | | 1 |
| 2 | 3 NEW YEAR'S DAY | 4 | 5 | 6 | 7 | 8 |

SEPTEMBER

| SUN | MON | TUE | WED | THUR | FRI | SAT |
|-----|----------------|-----|-----|------|-----|-----|
| | | | | 1 | 2 | 3 |
| 4 | 5 LABOR DAY | 6 | 7 | 8 | 9 | 10 |

APRIL

| SUN | MON | TUE | WED | THUR | FRI | SAT |
|-----|----------------------|---------------------|-----|------|-----|-----|
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 ASSIGNABLE DAY | 19 PATRIOTS' DAY | 20 | 21 | 22 | 23 |

NOVEMBER

| SUN | MON | TUE | WED | THUR | FRI | SAT |
|-----|-----|-----|-----|-------------------------|----------------------|-----|
| 20 | 21 | 22 | 23 | 24 THANKS-GIVING DAY | 25 ASSIGNABLE DAY | 26 |
| 27 | 28 | 29 | 30 | | | |

MAY

| SUN | MON | TUE | WED | THUR | FRI | SAT |
|-----|--------------------|-----|-----|------|-----|-----|
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 MEMORIAL DAY | 31 | | | | |

DECEMBER

| SUN | MON | TUE | WED | THUR | FRI | SAT |
|-----|---------------------|-----|-----|------|--------------------------------|-----|
| 18 | 19 | 20 | 21 | 22 | 23 1/2 DAY BEFORE CHRISTMAS | 24 |
| 25 | 26 CHRISTMAS DAY | 27 | 28 | 29 | 30 | 31 |

Digital Bowlers In Torrid First Round Battle

With only two weeks to go in Digital Winter Bowling League's first round, Team 6 (Barbara Avey, Captain) was still holding a small lead. Going into December 14 action, its record of 60 points won against 28 lost was four points better than Team 4's 56-32 mark.

Complete standings prior to December 14 bowling are as follows:

| Team | Captain | Won | Lost | Pinfall |
|------|---------|-----|------|---------|
| 6 | Avey | 60 | 28 | 14819 |

| | | | | |
|----|-------------|----|----|-------|
| 4 | Cossette | 56 | 32 | 14713 |
| 9 | Curran | 54 | 34 | 14390 |
| 7 | Glidden | 53 | 35 | 14431 |
| 1 | Shaw | 50 | 38 | 14385 |
| 12 | Pruett | 47 | 41 | 14344 |
| 3 | Cudmore | 44 | 44 | 14151 |
| 5 | Michaud | 40 | 48 | 14357 |
| 2 | Kangas | 38 | 50 | 14296 |
| 10 | Steinberger | 32 | 56 | 14103 |
| 11 | Wuorio | 28 | 60 | 14258 |
| 8 | Booth | 26 | 62 | 14173 |

DECEMBER ANNIVERSARIES

Eight Years

Lee Butterworth

Seven Years

John Atwood
Jon Fadiman
Robert Hughes
George Lord

Five Years

Louise Connors

Four Years

Roger Gagne
Nick Mazzaresse
Marie Passerello
William Scales

James Scanlan

Alex Stephens
Myrtle Whitney
Dorothy Wyskoczka

Three Years

Anne Johnston
Thomas Siteman
Donald L. Smith
Allan Titcomb
Robert Fecteau

Two Years

Betty J. Butler
Bruce Garvin

One Year

Mark Bush
Richard Beers
Robert Ciaraldi
Edward Hogan
Joseph Cannava
Dorothy McCubbin
Theresa Ricard
Richard Parks
William Lenz
Alan Blackington
Richard Sogge
Robert Whitton
James Langley, Jr.
Michael Ford
Kenneth Brown
Walter Mason
Lee Fryer
Ann Marie Fasulo
Rita Porteous

Training Is Important Part Of Our Customer Service



Customer training -- Training on the maintenance and programming of our computers is an important part of the services we provide our customers. A typical example is Jordon R. Benedict (left) of the Computer Center, Stanford University, who was here recently taking both the programming and maintenance courses on the PDP-6 and a maintenance course on the PDP-8. Stanford has several Digital computers, and we have trained many of their representatives. At right is one of Digital's instructors, Ed Steinberger.

NEW FACES AT DIGITAL

| | | | | | |
|--------------------|------------------|------------------|-------------------|---------------------------------|-------------------|
| Wilfred Arsenault | Maynard | Maintenance | John Amirault | Maynard | Sheet Metal |
| Anthony Bader | Maynard | Board Prosc. | Peter Gollnow | Pulheim Koln, Germany | Sales (Germany) |
| Alice Christian | So. Acton | Accounting | Robert Willis | Livermore, Calif. | Sales (Palo Alto) |
| Joseph Comeau | Groveland | Sheet Metal | Siegfried Maschke | Wuppertal-Elberfeld, Germany | Sales (Germany) |
| Beverly Duncan | Cambridge | Tech. Pubs. | Nancy Ripley | Littleton | Module Prod. B |
| David Herring | Stow | Module Prod. A | Melva Karst | So. Acton | Module Prod. B |
| Janet Keenan | Framingham | Tech. Pubs. | Emily Mello | Hudson | Module Prod. B |
| Elaine Morales | Littleton | Sml. Comp. Sales | Joan Choiniere | Marlboro | Module Prod. B |
| Priscilla Robinson | Boxboro | National Sales | Kathy Thibodeau | Littleton | Prod. Control |
| Arthur Toupin | Lowell | Sheet Metal | June Kinney | Hudson | Module Prod. B |
| Harold Whittaker | Haverhill | Machine Shop | Harry Doyle | Silver Spring, Md | Sales (Wash.) |
| Leonora Correa | Hudson | Module Prod. B | Judith Genge | Harvard | Sml. Comp. Sales |
| Theresa Algeri | Hudson | Module Prod. A | Liselotte Henes | Lowell | Module Prod. B |
| Ann Mariano | Maynard | Module Prod. B | Arthur Rasmussen | Maynard | Sub. Assy. |
| Phyllis Fortier | Marlboro | Module Prod. B | Thomas Maroney | Billerica | Sub. Assy. |
| Irene Cutler | Sudbury | Module Prod. A | Gary Snyder | Harvard | Sub. Assy. |
| Lucy O'Brien | Wellesley Hill | Module Prod. B | Theresa Lord | Forge Village | Module Prod. A |
| Viola Brownell | Waltham | Module Prod. B | Jacquelyn Milner | Forge Village | Module Prod. A |
| Bridie Burns | Waltham | Module Prod. B | Robert Ganem | Lowell | Board Prosc. |
| Ann-Marie Kelleher | Reading, England | Sales (England) | Gilbert Slaw | Bensenville, Ill. | Sales (Chicago) |
| Rita Stone | Maynard | Module Prod. A | Robert Jome | Maynard | Module Prod. A |
| Basil Lewis | Sudbury | Machine Shop | David Chadwick | Maynard | Production D |
| Jeanne Eastwood | Nabnasset | Sml. Comp. Sales | | | |