



**FAIRCHILD WESTON
SYSTEMS INC.**

FAIRCHILD WESTON
Schlumberger

FAIRCHILD WESTON SYSTEMS, INC.
DATA SYSTEMS DIVISION
P.O. BOX 3041
SARASOTA, FLORIDA 33578

VOL VII, NO. 11

HAPPY HOLIDAYS

DECEMBER, 1985



TO ALL EMPLOYEES:

During this festive time of year, my staff and I wish you and your family a joyful holiday as well as happiness and good health in the new year.

Through our combined efforts in 1985, we at Data Systems Division are wrapping up another satisfying year. We have been successful in increasing our sales this year by 26% over 1985. We have made great strides in improving our manufacturing capabilities in the new products we have introduced over the past couple of years. We plan on capitalizing on this new capability in the years ahead.

In addition to substantial investments in our traditional product lines, we have taken concrete steps to enter into new markets this year. We have received several contracts valued in excess of a million dollars to supply products and systems we have not previously produced. In 1986 we will explore opportunities to leverage our expertise in new markets while not losing sight of the ongoing need to control costs, operate more efficiently, and improve quality.

Again in 1985, the growth of our business has required us to add new personnel in almost all areas. We welcome these new employees who will be contributing to the continued success of the Division with their fresh ideas and new perspectives. Our Quality Circle program has grown almost 50% in 1985, and includes 18 Circles and over 180 employees. The Circles program is demonstrating that employees and management can effectively cooperate to solve problems, improve productivity, and enhance our working environment. These employee involvement projects make it clear that our valuable resource at Data Systems is our talented and committed employees.

Our long-range plan to improve the physical environment of the facility continued in 1985. I was pleased that so many of our family members were able to view the improvements to our plant during the Open House in March. Renovations will be continuing in 1986, as we strive to make our facility an even better place to work in the future.

We demonstrated in 1985 that we can continue to grow, to improve, to cope with change and still be profitable. As we look ahead, we can anticipate a challenging, yet successful, business year in 1986.

I would like to thank each of you, personally, for your efforts and your support in 1985. My staff and I are depending on you to make our Division successful in 1986 and in the future.

Enjoy your holidays, be safe, and return refreshed and ready to meet the challenges and opportunities of the new year.



December, 1985

R.J. Keller
General Manager

AN EQUAL OPPORTUNITY EMPLOYER M/F/H/V

CIRCLES REPORT PROGRESS TO ADVISORY COMMITTEE

Members of 13 Circles made year-end progress reports to the Advisory Committee on December 5 and 6. The presentations described some of the team accomplishments during 1985. Here are some of the Circle projects which were very well received by the Advisory Committee:

STOCKROOM - determination of most efficient economical lighting levels; reduction of picking errors.

AVIATION RECORDERS ASSEMBLY - design of fixtures such as wire holders, connector holders, connector pin cutter, harness board holder.

CPT USERS - maximize CPT equipment utilization through training; revamp Word Processing Center work request forms; update and publish VAX to CPT communications procedures.

TELEMETRY ASSEMBLY - standardize wire lists, provide efficient department layout; cable board design; modified job tickets; and operator training project.

CADDS - familiarization with new IBM CADD system; compiling and publishing an information and job request manual.

MACHINE SHOP - elimination of excessive smoke in and around machinery; investigation of automated machinery.

OFFICE SUPPORT - evaluation of paper work distribution A through E; reduce learning time for new office support personnel through orientation and training.

SOFTWARE SYSTEMS - reducing excessive overhead in documentation.

DRAFTING - system for expendable drafting supplies; in-house drafting training manual and reference library; eliminate problems created by mirror image part drawings.



The Stockroom Circle described its projects.

RECORDERS TEST - design and build CVR/DFR burn-in rack; design and implement new floor stock systems; provide additional tools for technicians.

FABRICATION SHOP - reduce rework; improve drill press area; cut indirect labor; correcting times on the Operations sheets.

MAINTENANCE - improve efficiency of maintenance crib; improve safety of maintenance work area; improvements in work flow into and out of work area, and work scheduling with use of moving and storage request forms.

PRODUCTION CONTROL - raw material added to bills of material; request form for unplanned issues; added routings to rework orders; computer roundup of raw material requirements to ensure availability.

"Advisory Committee members were impressed with the Circles project reports, and expressed their appreciation of the results achieved by the Circles in 1985," said Facilitator Freddie Masse. Members of the various Circles also had the opportunity to hear about the projects that other groups are working on.

"I'd like to say 'Bravo!' to all the participants. They should be very proud of their accomplishments," Freddie said.



Advisory Committee members, in the foreground, and Circle members heard year-end Circle progress reports December 5 and 6.

CREDIT UNION ANNOUNCES DIVIDEND & LOAN ACTION

Three important new actions were taken by the Credit Union's Board of Directors at its December meeting.

A fourth quarter dividend, at an annual rate of 6%, was declared, payable December 31, 1985. The total amount of dividends paid to Credit Union savers this year will amount to \$38,649.

In another action, the Board increased the maximum amount which Credit Union members can borrow on new and used vehicles. The new car and truck loan limit is \$12,000, and the used cars and trucks loan limit is \$9,000. Repayment schedules have been extended to 50 months for both categories. (An untitled 1985 demo is considered a new vehicle.)

The Credit Union's annual meeting, which includes election of officers, has been changed from the last week of January to Thursday, February 13, 1986.

CREATIVE EMPLOYEES

ORIGINAL DESIGNS BRIGHTEN HOLIDAY SEASON DECORATIONS



Welma Bohon's wall decoration is one of many original designs seen throughout our facility at this festive holiday season.

"It was a group effort," Welma says. "Everybody in Aviation Recorders Assembly helped by saving the boxes which normally would be discarded." Then Welma wrapped the dozens of boxes and created this wreath of colorful packages. Welma is really into arts and crafts of all kinds.

1985 COMPANY CONTRIBUTION TO SAVINGS PLAN ANNOUNCED

General Manager R.J. Keller announced Wednesday December 18, that the Company Contribution to the Data Systems Division Savings Plan (previously known as the Schlumberger Contributory Investment Growth Plan) will be 65¢ for each dollar contributed by employees during 1985. This amount of 65¢ represents the highest contribution rate in the Division's history, matching the 1984 contribution and almost double the 35¢ contributory rate of 1983.

In addition, the Company contributes 1% of each participant's admissible compensation for 1985, regardless of the employee's contribution. A statement showing your year-end account balance is included in our annual Personal Statement of Employee Benefits (Benefacts). These statements are usually distributed in April.

CREDIT UNION CHANGE

SPECIAL NOTE -- Due to vacations, the last day the Credit Union Office will be open is Monday, December 23, 1985. The office will reopen for business on January 2, 1986.



This snowy Christmas village, created by Dorothy Berner, is completely edible -- chocolate buildings, a nativity scene made of candymelt figures, and the snow is frosting. Dot is noted for her original candy designs and decorative cake creations.

Happy New Year

LAUNCH PAD 39-B CEREMONY ATTENDED BY BROWN, BISHOP

Data Systems Division was represented at the official dedication ceremony for Launch Pad 39-B at NASA-Kennedy Space Center on December 13. Program Manager Jon Brown and Wyatt Bishop, of Sales, attended the ceremony.

Much of the equipment which Data Systems Division delivered to NASA-KSC earlier this year has been installed in the Pad B launch complex. Other portions of the large Permanent Measurement System have been installed in two Mobile Launcher Platforms and the Launch Control Center. Still remaining to be completed is the installation and acceptance of the Pad A system.

These equipments, and the installation and training involved in the systems, are all part of a multi-million dollar contract for equipment we supplied to NASA to support the Space Shuttle launches from Launch Complex 39 at Kennedy Space Center.

Numerous Data Systems Division employees have been working on the installation and checkout of the systems at KSC. Additional installation, checkout and training is scheduled to continue in January, 1986, as part of the \$3.8 million contract. KSC operational personnel will attend training classes to be conducted at the NASA site by our Training personnel.

Launch Pad B is scheduled to be used to launch the Space Shuttle on January 20, and work will continue on the renovations of Pad A. Having the two launch pads updated and fully operational will help NASA meet its goal of two shuttle launches per month in the future.

"Richard G. Smith, Director of the Kennedy Space Center, was principal speaker at the Dedication ceremonies," Jon Brown reports. "We also had the opportunity to attend a special screening of 'The Dream Is Alive' at the Galaxy Center at Spaceport USA, which was very impressive. The film should not be missed if anyone plans to visit the Kennedy Space Center.

IN SARASOTA'S CENTENNIAL SHOW

CHRIS FREEBERG (Telemetry Systems) was a member of the cast of the Centennial Revue '85, which showcased local talent celebrating Sarasota's 100 years. The show kicked off Sarasota's centennial celebration in two performances at the Sarasota Theater of the Arts on November 23 and 24. Chris and his wife Connie appeared in several numbers in the revue.

Chris is one of our Ridgefield "Pioneers" who transferred to Sarasota from Connecticut. He will soon be observing his 30th service anniversary with our company.

A NEW FEATURE

GETTING ACQUAINTED WITH CIRCLE MEMBERS

PULSE is pleased to offer a new feature about the Data Systems Division employees who are involved in our Circles. Special thanks to the Circle members who contributed these notes to help us all get better acquainted.

Our Aviation Flyers Circle is made up of creative individuals who work in Equipment Recorders Assembly and who have helped design many new fixtures and manufacturing aids as part of their Circle projects.



Aviation Flyers Circle members -- Steve Creech, Vi Blair, Juanita Rose, Alyene McCoy, Judy Tibbs, Teresa Smith. Seated, Marlowe Lymer, Shirley Terry and Kim Jaskolka.

ALYENE McCOY, Circle Leader, is a native Floridian and mother of one, who has been with FWSI for 24 years. The newest members are KIM JASKOLKA, who is happily married to Jay, and JUDY TIBBS, wife and mother of three, who likes to attend car races. Three of the Circle members are grandmothers-- MARLOWE LYMER, with four "beautiful" grandchildren; VI BLAIR, who has five grandchildren, enjoys church, friends, and gardening; and SHIRLEY TERRY, (with 16 grandchildren) and her husband like auto racing.

JUANITA ROSE, wife and mother of three, enjoys fishing, puzzles and word games. STEVE CREECH has been married four years and owns a pair of American huskies who are about to deliver pups. TERESA SMITH, wife, and mother of Michael, likes swimming, horseback riding, and "working here at Fairchild."

CONGRATULATIONS !

RANDY BERNARD (SPS) and Marie Whalen were married on November 16 in a church wedding in Ellenton.

PAULA BAKER (Procurement) and her husband Steve welcomed their son Andrew Steven, on November 22. He weighed in at 8 lb. 2 oz.

TOM TATMAN (Customer Support) and his wife Glenda announce the arrival of their son, David Lee, on November 27. He weighed 8 lb. 3 oz. at birth.

IMPROVED CAD/CAM SYSTEM INSTALLED, TRAINING UNDERWAY

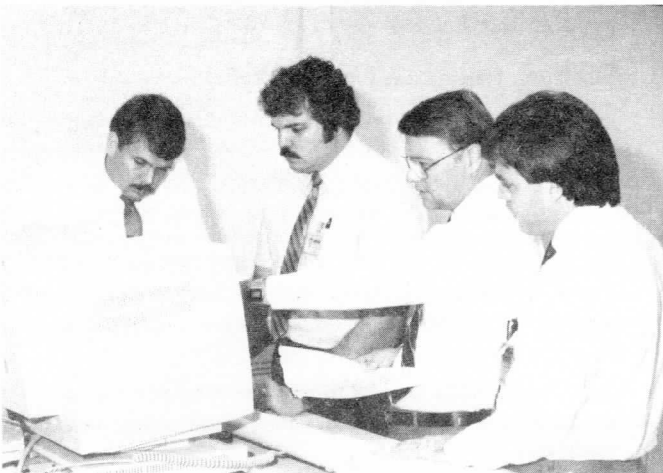
Installation is complete and training underway on our new IBM 4361/5080 CAD/CAM system. Some of the employees who will be directly involved in the system are now training on the use of the CAD/CAM system for printed circuit design. (CAD/CAM stands for computer-aided design and computer-aided manufacturing.)

The new CAD/CAM system utilizes a Model 4361 IBM Computer in our MIS computer facility, running a software package which drives graphics terminals (5080) in Drafting. Current FutureNet and VALID computer-aided engineering stations are now being prepared to upload schematic information into this new system.

Ben Robinson and Chuck Arterton of the CADS Department are involved in training CADS operators on the new system, based on training they received from IBM in Los Angeles recently. Mike Rhodes, of MIS, is working with the operating system software to fine tune it for optimum performance.

"Our entire CADS group is looking forward to using this new tool to increase our productivity," said Greg Purdom, Manager of Design and Drafting.

"The IBM CADS system was justified based on circuit board design facilities and machine performance. It will allow Data Systems Division to handle the volume of circuit board designs forecasted for new systems and products," said Dale Dennis, MIS Manager. "In addition, with the compatibility between the CADS computer and our business data processing computer, we will have the capability to transfer released drawings into a 'production data base' for direct on-line graphics viewing in Manufacturing. This opens the door for the future 'paperless factory' with the potential for thousands of dollars of cost savings in the elimination of hard copy drawing prints in Manufacturing."



Bob Heaton, Jr. (second from left), Manager, MIS Technical Support, is shown working with IBM Systems Engineers during new CADS system installation.



Mike Rhodes (at left), Systems Programmer, and IBM Systems Engineers viewing first graphics display during installation of the IBM CADS system. This 5080 Graphics Work Station is now located in our CADS department.

INSURANCE TIPS -- TO HELP WITH YOUR BENEFIT CLAIMS

Effective January 1, 1986, the new insurance administrator for our medical and dental programs will be Connecticut General Life Insurance Company.

Here are a few points to remember:

- * Our group medical and dental coverage remains the same.
- * Pre-certification for hospitalization is still required. A second opinion is also required for certain procedures.
- * Your benefit request form must accompany EACH insurance claim you submit.
- * Send your claims directly to the insurance administrator, Connecticut General, in the envelopes provided.
- * New forms and envelopes are available at the boxes near the Cafeteria and near personnel.
- * Only YOU will receive the explanation of benefits. Data Systems Division will NOT receive a copy. So please hang onto your copy.
- * Our Prescription Drug program continues as it has been, and is administered through PCS. New prescription drug cards will be issued shortly.

If you need assistance, please call Alma Sanger, Ext. 5526.

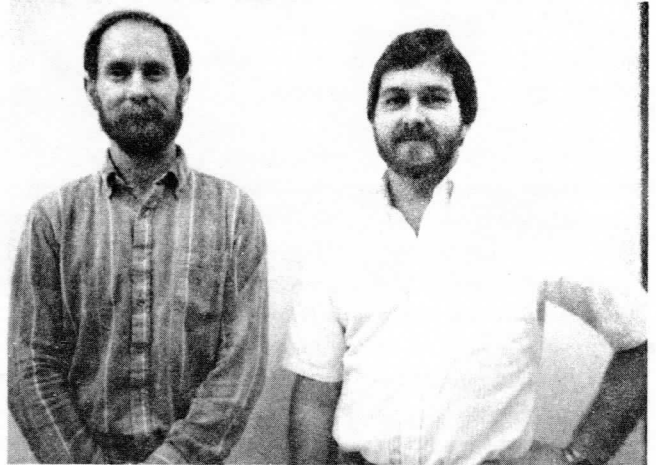


EMPLOYEES OBSERVE DECEMBER SERVICE ANNIVERSARIES

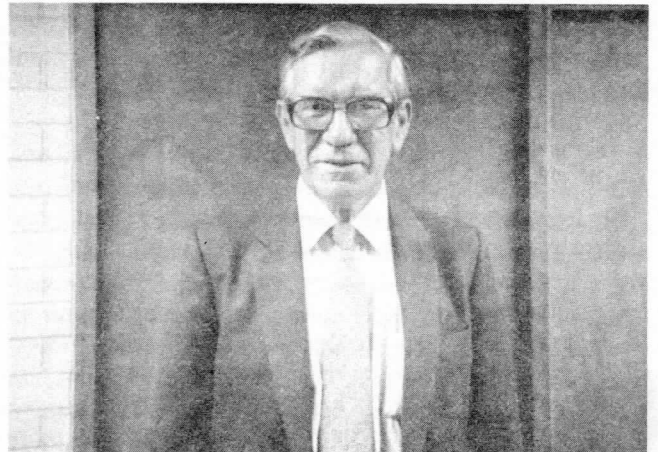
Special congratulations to the Data Systems Division employees marking major service milestones in December. Wally Jones (of Customer Support in Lancaster, Calif.) and Hal Roberts, in Sarasota, are both observing their big 20th service anniversaries this month.



Hal Roberts marks 20 years of service, while Sandy Hatcher and Bobbie Houtsch are observing their fifth service anniversaries this month.



Mike Hackathorn and Pat Goux are observing their fifth service anniversaries during December.



Ed Remorenko, Eastern Regional Sales Manager for Data Recorders, completed ten years of service in November. Ed is based in Devon Pa.



Wally Jones (center) received congratulations on his 20th service anniversary from Don Roberts (left) and Chet Reynolds (right). Wally is in Customer Support in Lancaster, Calif. Thanks to Rose Stroface for this photo.

TAKE SAFETY WITH YOU FOR A SAFE HOLIDAY !

Safety awareness at work is important, and it has given us many thousands of injury-free hours during 1985. Now, during the holiday season, is a good time to take safety awareness with us to enjoy a safe, happy holiday.

Our safety record in 1985 was a good one -- but 12 of our fellow employees suffered injuries severe enough to be sent to the doctor. Nine injuries were serious enough to keep the employees off the job.

Let's avoid those painful injuries and rededicate ourselves to working safely...playing safely...and enjoy a very safe 1986 !

