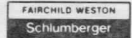


FAIRCHILD WESTON SYSTEMS INC.



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

VOL VII, NO. 10

NOVEMBER, 1985

MC CLELLAN AFB PLACES ORDER FOR LARGE SYSTEM

A significant new order was received during November for a variety of ground and airborne system equipments to be delivered to McClellan Air Force Base, Sacramento, Calif. The new contract is valued at \$3.6 million.

The contract calls for one large updated ground station, a new ground station for checkout of airborne equipment, and two new airborne systems, all to be used in connection with processing flight test data on the F-111E aircraft modification program.

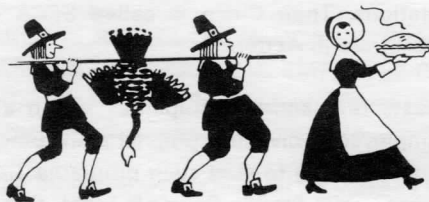
These systems are similar to the Flight Data Acquisition & Processing System equipments which Data Systems, Division delivered to McClellan Air Force Base in 1984.

Delivery of the equipment on this new order extends into 1986. Data Systems Division equipment involved in the new contract includes our EXPRTs, Model 715's, and 5000 Series airborne equipment.

Members of the team which succeeded in obtaining this contract were Art Kelley, Mike Hutchinson, Jack Cain, Earl Studenwalt, and others who aided in the successful effort.

The Ground Data Processing System is updated to contain a VAX 11/785 computer and peripherals, and a variety of other equipment. The Ground Checkout System is a duplicate of the earlier FDAPS equipment, and is used to check out airborne systems. The two new airborne systems are to be identical to the 5000-series airborne units delivered earlier.

IT'S THANKSGIVING



Time to enjoy a four-day holiday, give thanks -- and please return safely! Happy Holiday.

HAPPY BIRTHDAY! CIRCLE PROGRAM THREE YEARS OLD

Over 150 Circle members and Advisory Committee members joined in celebrating the third anniversary of Data Systems Division's Circle program on November 8 -- and enjoyed a "Create Your Own Sundae" treat as part of the festivities.



Circle Program participants celebrated three years of progress.

Ray McPartlin, Director of Operations, complimented the Circle members on their many accomplishments and said that the Data Systems Circle program is considered a model for Circles at other Schlumberger companies.

Personnel Director Rick Greenawalt noted that the Circle members should be very proud of themselves because their efforts and creative approaches to problem solving are recognized not only within Schlumberger, but in the local business community as well.

Facilitator Freddie Masse expressed appreciation to the Advisory Committee members for their continued support and to all the employees who participate in the Circle program.

(Cont'd on Page 2)

AN EQUAL OPPORTUNITY EMPLOYER M/F/H/V

HAPPY BIRTHDAY! CIRCLE PROGRAM THREE YEARS OLD AND GROWING

(Cont'd from Page 1)

"There are 180 reasons why our Program is so successful, and most of them are sitting in this room," she said. The Circle program currently has 18 Circles and 180 members.

Personnel Representative Dexter Nash, who was Data Systems Division's initial Quality Circle Facilitator, and Freddie Masse handed out certificates of recognition to 76 new Circle members and distributed new Circle pins which were designed by the office support staff's "New Image" Circle.



Happy birthday, Circles!



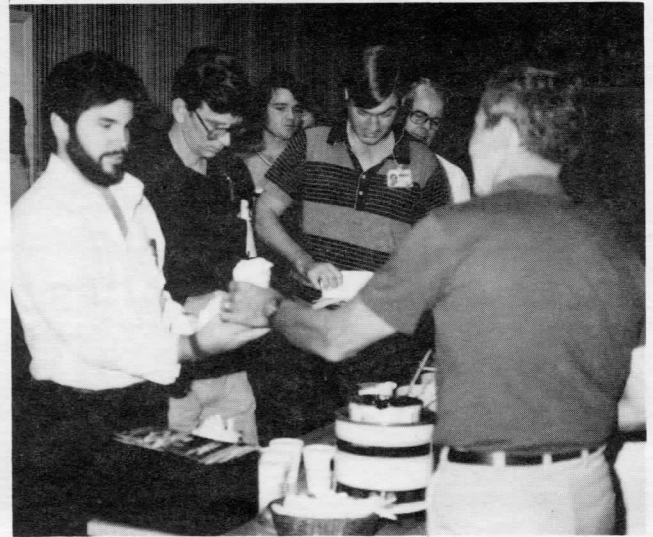
Seventy-six new members received certificates of recognition.



Facilitator Freddie Masse expressed appreciation to all Circle participants.



Ray McPartlin commended Circle members.



"Create Your Own Sundae" treats at the Circle program's third birthday party.

FWSI EMPLOYEES HOST IAQC MEETING HERE

Fairchild Weston's Data Systems Division was host on November 12 to 51 guests representing companies in this area of Florida who are concerned with Employee Involvement programs.

The group is the Tampa Chapter of IAQC (International Association for Quality Circles) and includes membership throughout Hillsborough, Pinellas, Manatee and Sarasota Counties, said Circle Facilitator Freddie Masse.

"We had 39 employees participating that evening -- acting as tour guides, setting up displays in work areas, demonstrating equipment, and sharing information about their Circle projects," Freddie said. "The guests were very complimentary about the employees who took part in the activities that night and also the efforts of the Circle members in our Circle program."

After dinner, served in the Cafeteria, the Telemetry Test Technicians' Circle did a repeat performance of their Management Presentation, which resulted in their new work stations. Their Circle is called SPCA -- Standard Products Circle in Action.

The guests represented companies which already have active Employee Involvement programs, and other companies, which are planning to start such programs. Companies in attendance were: Florida Power & Light, Sun Hydraulics, Siemens Allis, Bausch & Lomb, Tampa Electric, Johnson Controls, Baxter Travenol, GTE Data Services, and Productivity Development Systems.

THEY QUIT-- NOVEMBER 21 WAS A LONG, HARD DAY!

"It was a long, hard day!"

That was a comment heard frequently from Smokers who gave up the smoking habit for 24 hours on November 21 -- the day of the Great American Smokeout sponsored by the American Cancer Society.



Smoker Dorothy Berner (left) was adopted by non-smoker Rose Routsong for the Great American Smokeout on November 21. The ladies each won a turkey in the drawing held for the participants in the day off from smoking.

Smokers who signed up to quit smoking for the day were: Jackie Newberry, Brenda Cunnien, Debbie Graham, Dick

INSTRUMENTATION RECORDERS HOSTED TECHNOLOGY SEMINAR

The third 1985 in-house Technical Seminar at Data Systems Division was hosted by the Instrumentation Recorders Group on November 19, and featured four technical papers.

The 40 Engineers who attended represented our three major product lines, the Operations group and Quality Assurance.

Technical papers presented at this Seminar were:

- A Tutorial on Magnetic Recording, by Roy Kitaoka
- Tape Tracking in Coaxial Reel Recorders, by Ellis Speicher
- Methods for Remotely Controlling Tape Recorders, by Jim Fulmele
- Packaging to Meet Tempest Requirements, by Dave Hart

"We are holding these Technical Seminars to facilitate the awareness of new technologies in the several product lines within our Division," said Technical Director Bill Waggener. The two previous Technology Seminars were hosted by our Telemetry and Signal Processing groups.

Haase, Mary Hattaway, Peggy Basham, Sandie Woods, Bob Johnson, Evelyn Christian, Willine Lahman, Iris Thompson, Carol Waters, Herb Booth, Kathy Mills, Chris Rich, Pat Jones, Cheryl Mnick, Regina Devine, Hans Kaiser and Judy Tibbs.

Fellow employees adopted a Smoker for the day, and offered encouragement and support -- such as candy, fruit, gum, etc. -- to help the Smokers endure the 24-hour ordeal.

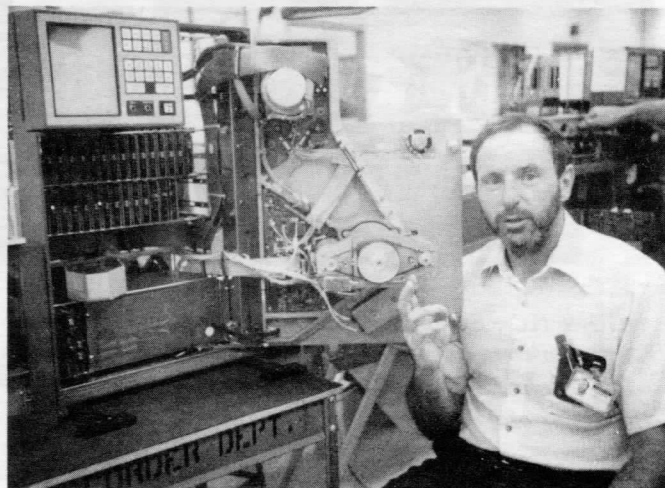
"Wometco Cafeteria provided free carrot and celery sticks, and the Company provided sugarless gum and lollipops, as well as two turkeys to the lucky winners of the drawing," said Occupational Health Nurse Debbie Graham who coordinated the event for Data Systems Division employees.

Dorothy Berner and Rose Routsong won the turkeys -- but all participants are winners! Special thanks to the caring folks who adopted a Smoker for the day.

DAVID HART RECEIVES NOTICE OF NEW PATENT

A new patent has been granted to Fairchild Weston Systems, Inc. and inventor David G. Hart for his design of a brake device for coaxial reel tape recorders. The design is currently used in our Model 9 Instrumentation Data Recorder. This is Dave's fifth patent.

Dave Hart, Senior Principal Engineer in our Instrumentation Recorders Engineering Department, joined Sangamo Electric in Springfield, Ill., in 1970. He came to Sarasota in November, 1979, by way of Oconee and Atlanta. Dave earned his B.S. in Mechanical Engineering at Dayton University, and his Master's at Marquette. He is also a Registered Professional Engineer in South Carolina.



Inventor Dave Hart points to the brake device for coaxial reel tape recorder as used in our Model 9 Recorder.

DIVERS LOVE THE BEAUTY OF THE UNDERWATER WORLD

Attention followers of King Neptune, Nereus, Poseidon, and Nereids.

If you are intrigued by the world of underwater adventure, just get in touch with any of the members of the Data Systems Division Diving Club, and join in the fun.

"We have over 70 certified divers, many advanced divers, several Dive Masters, and we schedule diving and sightseeing trips to places like Cozumel, Bonaire, Roatan, and Tortugas," Graham Hildebrand reports. Graham is unofficial coordinator for the loosely-structured group, and can be reached at EXT. 5287. He also issues a newsletter for the group.

In the three years that the club has been operating, there have also been trips to the Florida Keys, wreck diving (both in Miami and locally) and visits to the caverns of North Florida. Classes are scheduled for all levels of diving, from age 12 and up.

On a trip to the Dry Tortugas in October, there were five divers from Data Systems Division -- Graham Hildebrand, Robert and Rosemary Williams, Tom Bray and Dale Woodland. They enjoyed sightseeing at historic Fort Jefferson, spear fishing, monster lobsters and wrecks.

Some of our divers are into underwater photography and have brought back some spectacular shots. Plans are



On the diving boat at Cozumel -- seated in the front row, Robert and Rosemary Williams, two guests, Pavlo Bobrek, and Wayne Lockwood. Back row: Rick Karow, Sherri Wilkinson, Roy Gibson, Beth Putnam, Bruce Templeton, Scott, Dale and Jason Woodland. In the foreground at right, Ivan, the Mexican Boat Master, and a deck hand.

underway for a spear fishing trip to the Tortugas in May, and a return to Cozumel, Mexico or perhaps Haiti. Watch for bulletin board notices about informative meetings on the group's future plans.

ITC SHOW BOOTH ATTRACTED MANY POTENTIAL CUSTOMERS

Representatives of Data Systems Division were on hand for the International Telemetry Conference held in Las Vegas, October 29-31. The conference, held once a year, is a gathering place for customers and competitors in the telemetry field. This year's conference attendance totaled approximately 3000.



AT THE ITC -- Setting up the Telemetry show booth (at left), with the Data Recorders booth at right, are Don Roberts, Bob Buell, Mike Hutchinson and Chet Reynolds. Photo courtesy of Jim Horvath.

Telemetry Applications Engineering. FWSI papers presented at the show this year included a discussion of future trends in telemetry systems, by Jud Strock; a technical presentation on the new digital discriminator, by Dick Vorce, and a new generic telemetry software architecture by Bob Buell.

The show area offered telemetry vendors an opportunity to display their newest and most exciting products. The FWSI booth included demonstrations of our 8000 series product line, along with examples of the new 8380 and 8385 display stations. Each display station provided control over the 8000 series products via a microprocessor and CRT terminal. Information processed by the 8000 series products was then handled and displayed in various ways on the two display station terminals.

"The Display Stations were major hits at the show and continually had large numbers of prospective customers gathered around them," Wiley said. The Display Stations featured FWSI software systems specifically designed to simplify the effort required by operating personnel who use the systems. Our representatives at the Conference included employees from various areas in Sales and Engineering.



HAVE A HAPPY THANKSGIVING !

"A large number of papers and various panel discussions provided a forum for identifying the course of telemetry systems in the future," said Wiley Dunn, Manager of

WELCOME TO NEW EMPLOYEES WHO HAVE JOINED US RECENTLY

A warm welcome to the new employees who joined Data Systems Division in recent weeks. We look forward to working with you to reach the Division's goals and to design and produce the quality products, systems and

service which our customers need.

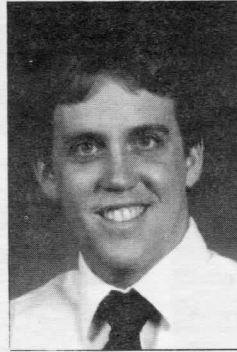
Here's hoping you enjoy being part of the Fairchild Weston family. Welcome aboard!



JERRY ALDRICH
Manager
Advanced Programs



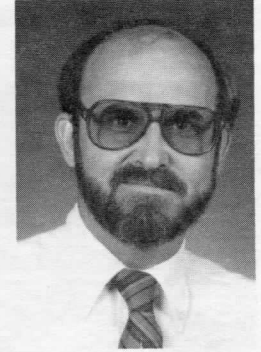
LEE R. CAIN
Program Manager
Signal Processing



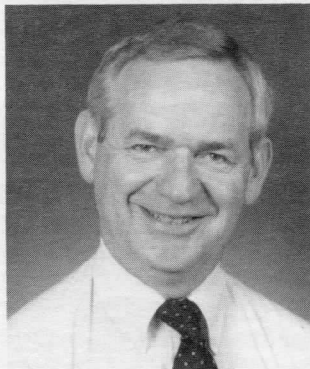
DANIEL J. CUNNINGHAM
Associate Engineer
Telemetry Product Dev.



FRAN HINKLE
Data Management Specialist
Configuration/Data Management
Quality Assurance



LARRY W. PACK
Principal Engineer
Signal Processing



ERNEST W. POLK, Jr.
Supervisor, Tech Writing
Signal Processing



TERESA G. TOWNE
Accountant
Program Accounting

INSURANCE ADMINISTRATOR WILL BE ANNOUNCED SOON

There will soon be some changes in the way insurance claims are handled for employees of Data Systems Division.

Watch for announcements to be made during December about a new Insurance Administrator for your insurance claims. The new administrator will be Connecticut General, replacing Aetna, and details will be forthcoming shortly.

NO CHANGE IS SCHEDULED IN OUR COVERAGE -- NOR ARE THERE ANY INCREASES IN EMPLOYEE CONTRIBUTIONS. The last time employees were asked to contribute more to their medical benefits was 1974.

During the month of December, all employees will receive complete information about the changeover to the new Insurance Administrator. Meanwhile, please continue to process your medical and dental claims via Aetna until further notice.

IMPROVED CAD/CAM SYSTEM INSTALLATION IS UNDERWAY

A new, upgraded CAD/CAM system will soon be installed and training is already underway for employees who will be directly involved in the system. (CAD/CAM stands for computer-aided design and computer-aided manufacturing.)

Ben Robinson and Chuck Arterton, of the CADDs Department, return on November 25 from IBM's training center in Los Angeles, CA., where they have been taking a two weeks course in the operation of the new CAD system for designing printed circuit boards.

Mike Rhodes, of the MIS group, has returned from Atlanta where he completed a four-day IBM course for the installation of our new IBM CAD system.

The new equipment is expected to be installed in late November. The system is a major advancement in improving Data Systems Division's Printed Circuit Board design procedures.

The new CAD/CAM system involves the installation of a Model 4361 IBM Computer in our MIS computer facility, running a software package which will drive terminals in Engineering. New terminals will be installed in our CADDs Department, along with a plotter and line printer. Our present Computervision system will be phased out over a two-year period, and current users will be trained to use the new IBM system for the design and documentation of printed circuit boards. Also, the current FutureNet and VALID computer-aided engineering stations can upload schematic information into this new system -- a real time saver.

ANNIVERSARY GREETINGS

EMPLOYEES OBSERVING MAJOR SERVICE ANNIVERSARIES

Happy anniversary to the good-sized group of employees marking major service milestones during November. Among the celebrants are Harry Wendt, observing a quarter of a century with our company, and three 20-year employees. Congratulations!



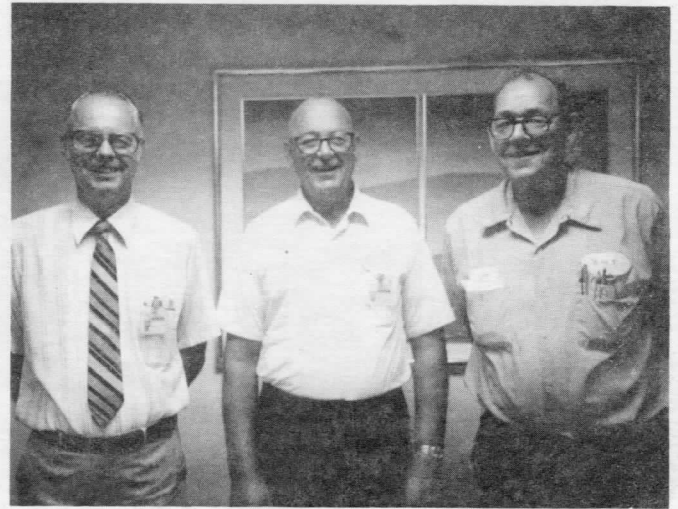
Jim Cummins (left) of Customer Support, received his five-year service award and congratulations from Chet Reynolds in our Lancaster, Calif., Field Office. Special thanks to Rose Stroface for this photo.



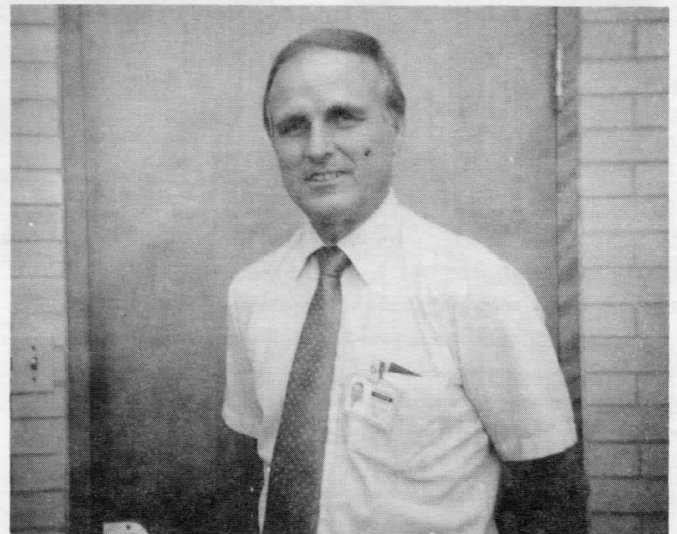
Happy service anniversary to Kathy Boley (10 years), Herb Larrabee (5 years) and Betty Austill (10 years). Missing from this photo are Jerry Kallenbach and Cliff Stalder, both completing five years of service in November.

CONGRATULATIONS !

JULIE & JIM ROBINSON (Signal Processing) are the proud parents of a baby girl, Erica Jane, born on November 15. Their new daughter weighed in at 9 lb. 2 oz.



Special anniversary greetings to this trio who are marking major service milestones during November. Congratulations to Harry Wendt (25 years), Ken Triplett and John Thornton, who are completing 20 years with our company this month.



Frank Bloechl is marking 20 years of service this month. Missing from this photo are Ed Remorenko, who observes 10 years of service, and Karen Critchlow, five years.

STARTING OVER --

SAFETY RECORD HIT 479,600 SAFE HOURS

Data Systems Division's safety record reached 479,626 safe hours without a lost-time accident this month-- thanks to YOUR safety awareness. However, we need to start over again, because of a painful accident suffered by an employee.

Safety awareness can help us to avoid those painful injuries -- at home, at work, and at play. Let's be careful out there and stay well !