

FAIRCHILD WESTON

Schlumberger

FAIRCHILD WESTON SYSTEMS, INC.
DATA SYSTEMS DIVISION
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NEWS ABOUT DATA SYSTEMS DIVISION

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SPACE SHUTTLE LAUNCH PROVIDES EXCITEMENT



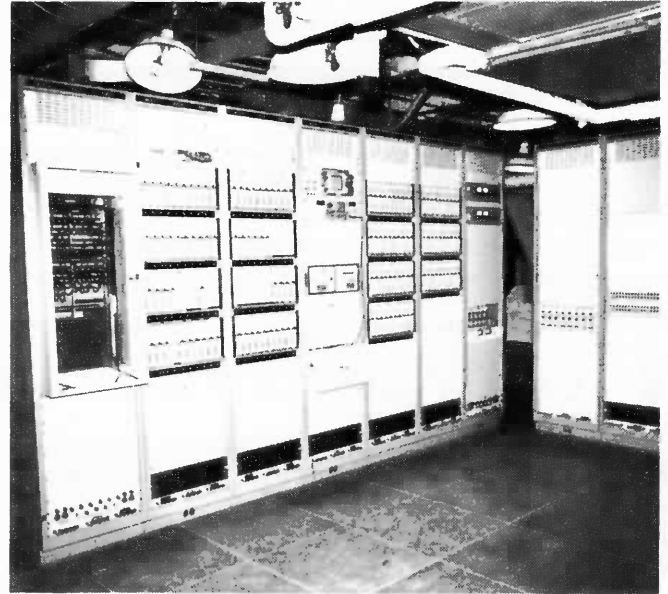
Space Shuttle launch on April 4. Photo by Ron VanderVliet.

Ron VanderVliet, of Field Service, left Sarasota on Easter Sunday so that he could be at the Kennedy Space Center Launch Control Center at 6 a.m., Monday, April 4, the day of the Space Shuttle launch. His assignment was to be on standby in case he was needed for the 400-series and 700-series telemetry equipment which Data Systems Division provided NASA recently for the Space Shuttle program.

Fortunately, our equipment worked 100% -- and minutes before the launch, Ron was able to go to the rooftop of a nearby building to capture the launch in pictures. He used his Pentax K1000, and a 210mm telephoto lens with a 2X adapter.

"From the roof, about 20 feet high, I had an excellent view of the launch -- about three miles east of where I was," Ron noted. Also, about a quarter of a mile away, in the visitors stands, Art Kelley, Wyatt Bishop and Scott Blair witnessed the thrilling sights and sounds of this Space Shuttle launch.

"The roar... the vibration... the excitement... it's something I wish everyone could see," Ron said. "I'd like to see us charter a bus and have a group of employees go over together to experience the thrill of a Space Shuttle launch." Ron is sharing his photos with us via our bulletin boards.



This NASA photograph shows our telemetry equipment mounted in the Space Shuttle Mobile Launcher. Our 400-series equipment monitors 130 channels of data during the final count down and launch of the Space Shuttle.

FAIRCHILD CVR'S TO BE USED ON HELICOPTERS

Orders have been received from two British firms for Fairchild Cockpit Voice Recorders to be used on helicopters. In addition to voice channels, these CVR's must also record the helicopter rotor speed.

The helicopter application for Aviation Recorders is the result of a CAA mandate that applies to all United Kingdom registered or operated helicopters over 6000 pounds gross weight.

These initial orders, totaling more than 50 CVR's, are from Westland Helicopters, an airframe manufacturer, and British Airways Helicopters, helicopter operators. Shipments on these orders are scheduled to begin in May.

NEWEST QUALITY CIRCLE IN AVIATION RECORDERS ASSEMBLY

Our Aviation Recorders Assembly area has formed a new Quality Circle, and is beginning the Circle training procedure



Seated, Etta Williams, Liz Bell, Marlowe Lymer; standing, Vivian Godfrey, Irma Jones, Wayne Stankovitch, Steve Creech, Betty Drymon, Juanita Rose, Terri Hughes, Doris Joubert, and Circle Leader Wayne Brinton. Rotating Members are Irma Jones, Steve Creech, Juanita Rose, and Doris Joubert.

and brainstorming techniques. Pictured here are the members of the Department. The group has adopted the name "Aviation Flyers".

To broaden Department participation, this Circle's regular members are inviting a different Rotating Member to participate in the Circle meeting each week.

ATTEND CIRCLE CONFERENCES

Quality Assurance Director Ray McPartlin and Quality Circle Facilitator Dexter Nash attended meetings of the International Association of Quality Circles in Memphis April 4-8. At the same time they participated in information exchanges with Facilitators from other Schlumberger companies, including Rixon, of Silver Spring, Md.; SWS, Houston, and Sangamo Weston, Oconee, S.C.

A QUALITY CIRCLE REPORT ON PROJECTS & PROGRESS

As the number of Quality Circle projects grows, employees are inquiring about the progress of some of the projects which Circles have initiated. Quality Circle Facilitator Dexter Nash agreed to give PULSE a brief report on a few of the projects.

7 O'CLOCKERS -- Stockroom Procedure Manuals have been adopted and are being utilized for training of new employees, and other employees use the Manuals for reference.

MS. WITTS -- The Standard Products Assembly group is continuing the long process of reworking wire lists. The new wire lists are considered a great improvement. Recently the Quality Circle coordinated with the Word Processing Department the possibility of having the wire lists typed and stored via Word Processing. This plan has improved the quality of these assembly lists.

TIC - TECHNICAL IMPROVEMENT COMMITTEE -- The Standard Products Test Department's recent management presentation involved a Technical Training Model (or format) for training on new and existing products. The Circle demonstrated how improved product knowledge would aid in trouble shooting and testing.

FLAMBOYANT NUTS AND BOLTS -- The Machine Shop Quality Circle's original presentation involved brainstorming revisions for existing fixtures. As a follow-up, this process has been continued on a monthly basis. On a designated day, the Quality Circle reviews fixtures that they have experienced problems with, or recommendations from

fellow Department members. Another project involves designing a screen to confine chips to the immediate area around the machine. (See accompanying photo.)

"Keep those ideas circulating," says Dexter. "Together we make it better."



Members of the Machine Shop Quality Circle are working on a prototype of a portable screen they hope to place around certain machines to confine chips to the immediate area. The screens should be a safety improvement and make clean-up easier, Machine Shop employees believe. Pictured with one section of the first screen are Paul Shetler, Fred Hittel, Helen Duthe, Bob Grados, and Tom Glover.

CELEBRATING NEW ON-LINE GENERAL LEDGER SYSTEM

Accounting and MIS employees are celebrating the implementation of a new on-line General Ledger System as part of our business computer system. The system became operational in April.

The new General Ledger system automatically captures data from existing data processing information on Payroll, Manufacturing, Accounts Payable and Finished Goods systems. It allows fast, computerized handling of this information -- instead of the slower methods of the past. It also allows posting to the General Ledger via a CRT terminal on a real-time basis, vs. the older hand-written green ledger.

The new system was designed by Dick Frye, Beth Jenkins, and Pat McNabb, with Karen Peterson and other members of the Accounting staff aiding in the implementation and testing.

Especially noteworthy is the fact that the system was developed in-house in less than four months.



Pictured at the Accounting/MIS celebration of the new on-line General Ledger system are: Karen Peterson (holding the old ledger, fondly called the "Green Monster"), Dick Frye, Beth Jenkins, and Pat McNabb.

With the new system, users can review thousands of current-year General Ledger postings and account balances by the use of a CRT at their work station. The new system is expected to save hours of manual work each month, speed up the monthly closing cycle, and provide tighter control over the accounting function.

"This new system is a tremendous accomplishment, and I personally want to say thank you to MIS, General Accounting and Cost Accounting for an outstanding effort," said Controller Gray Cozart.



A NEW SAFETY RECORD! --OVER A MILLION HOURS

A noteworthy new Safety Record of over one million hours has been achieved by the employees of Data Systems Division. As of April 17, we have chalked up 1,236,513 hours without a lost-time accident.

Improved safety awareness means fewer painful injuries -- thanks to YOUR concern about safety.



STEIN-KESSLER PAPER PRESENTED AT INTERMAG

A technical paper describing the theory of our tape recorder Error Detection and Correction System was presented at the Philadelphia meeting of Intermag, a Magnetics Symposium sponsored by IEEE.

The paper, entitled "A Low Overhead Error Correction System for Multi-Track Recorders," was co-authored by W. D. Kessler and Jim Stein, both long-time members of our Data Recorders organization. Bill Kessler presented the paper on April 6 before an audience of several hundred technical professionals. Don Wright, Recorders Marketing Manager, also represented us at the Symposium.



INSERTION AUTOMATIQUE DES CHIPS

Cartoonist Christian Lerude, BULLETIN TECHNIQUE,
A Schlumberger-Europe publication

INTRODUCING OUR COLLEAGUES IN DESIGN AND D

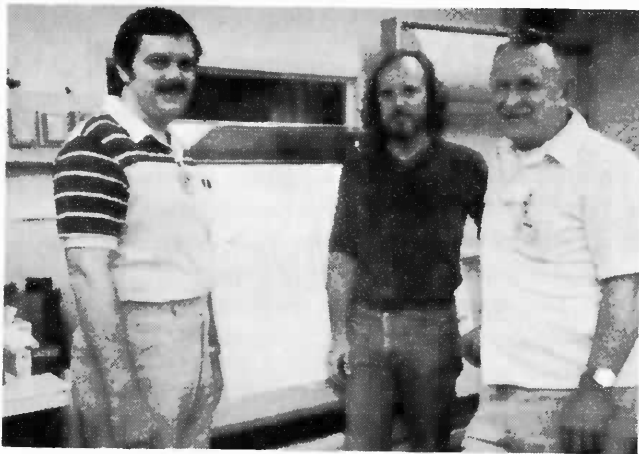
Employees in Design and Drafting groups, who have been operating in several product line areas, will soon be moving into a centralized drafting facility. Lab 4 is being renovated, and planning is now underway for the facility layout, furnishings, improved lighting, etc. Pictured here are the members of the Design and Drafting group.



Dave Clouse, Engineering Services Manager, and Dorothy Bennett, ECO Program Manager.



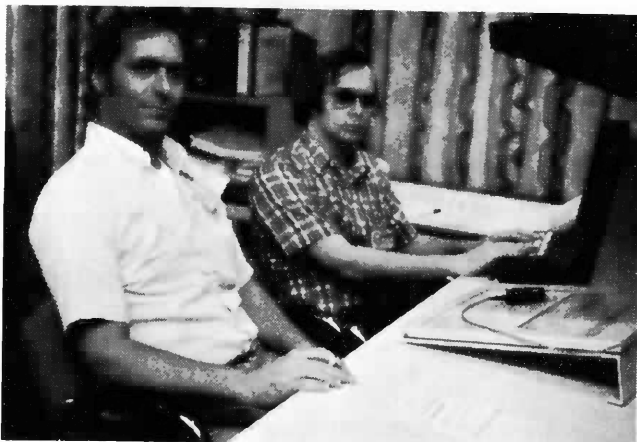
This "before" picture shows Lab 4, with members of the Engineering Services group discussing the centralized drafting room layout.



Pictured at the Calcomp Plotter are Greg Purdom (CADD System Manager), Jerry Kallenbach, and Repair Technician Eric Hogberg. Missing from this photo is Alice Ketron.



Ray Wilson, Paul Coyas, and Preston Cox.



Jay Boardman and Chuck Arterton of CADDs (Computer-Aided Drafting and Design System) second shift.



Ray Nervina and Darrell Powell

RAFTING



Bob VanderVliet, Don Norris, Carroll Cissel, Ken Clair, and Rick Englund.



Paul Waldmann and Bev Still

BOWLERS COMPLETE SEASON

The Fairchild Weston Mixed League bowlers awarded trophies and celebrated the end of their bowling season at a banquet on Saturday, April 23, at the Knights of Columbus Hall.

Incoming officers are: President Larry Foster, Vice President Sonya Carlson, and Secretary-Treasurer Debbie Woolard.

Members of the first place team were: Tom Toler, Vicki Page, Gina Byrd and Butch Pietsch.

Other awards were:

High Series Scratch - Joe Faso, 679; Cathy Stutzman, 601

High Game Scratch - Don Norris, 247; Doris Pruitt, 234

High Series Handicap - Barry Sandiford, 783; Carol Waters, 702

High Game Handicap - Bob Lahmers, 279; Joan Foster, 263

Most Improved - Barry Sandiford, +13; Nancy DuPlantier +14

High Average - Joe Faso, 184, Cathy Stutzman, 170

A LETTER TO THE EDITOR

Dear Editor:

I was quite impressed to learn recently that there are over 50 Data Systems Division employees who have a quarter of a century of service (or more) with our company. It seems to me that it would be enjoyable for this group to get together socially by forming a Quarter Century Club.

Speaking for my wife and myself, we would like to spend an evening with this group of my 25-year colleagues and their spouses, and just have a relaxed reunion dinner, getting to know each other socially.

This would be purely voluntary -- not company-sponsored. A small committee might arrange for an annual dinner at a local restaurant, if there is enough interest. What do you say, fellow 25-years-and-over group?

(signed) 25 YEARS, AND STILL GOING STRONG

NOTE: If you are interested, please drop a note to "Quarter Century Club," Mail Stop 11, and your letter will be directed to the originator of the idea.

ANNARATONE NAMED OFFICER OF CREDIT UNION CHAPTER

Ed Annaratone, of Accounting, and Roy Hollifield, of Personnel, represented our Credit Union and joined representatives of other local area Credit Unions in participating in the historic occasion of the "birth" of the Sara-Mana Credit Union Chapter on April 20 at the Crown House, Sarasota.

The Charter for the Sara-Mana Credit Union Chapter was presented by Mr. Tom Burchnell, President of the Florida Credit Union League. Previously, the local Credit Unions had cooperated as a Council. Through this new Chapter (one of 19 in the State) Credit Unions in the two Counties can work together to offer educational workshops and exchange information to benefit Credit Union volunteers, staff and members.

Ed Annaratone, Treasurer of the EMR Employees Credit Union, and a long-time member of our Accounting Department, was inducted as Vice President of the Sara-Mana Credit Union Chapter. Other officers are: President Cindy Butler (Tropicana Credit Union); Treasurer Barbara Evers (Sarasota Postal Workers Credit Union), and Secretary Glenda Soyers (Gulf Coast Builders Exchange Credit Union).

CVR TRAINING GIVEN

Customers from TAP (Portuguese airlines) and KLM (Netherlands airlines) came to Sarasota during April to attend special training classes on our Fairchild Cockpit Voice Recorders. The two separate training sessions were conducted here by Carl Palkovich and Jorge Hedderich. Carl Palkovich also went to Ottawa, Canada, recently to provide CVR training to Transport Canada personnel.



CONGRATULATIONS

EUGENE KENNON (Stock Room) and his wife Sharon Inez welcomed their son Andrew Eugene on March 24. Young Andrew weighed in at 7 lb. 12 oz.

LEE IBSEN (Signal Processing Group) proudly announces the arrival of his first granddaughter, Katie Ionata, on March 19. She weighed 6 lb. 4 oz. at birth.

SAFE!



It takes teamwork to prevent accidents and good housekeeping is an important part of the game. A neat work area prevents fire and other mishaps, and shows that you take pride in your job. When it comes to safety - play ball!

MEETING CUSTOMERS

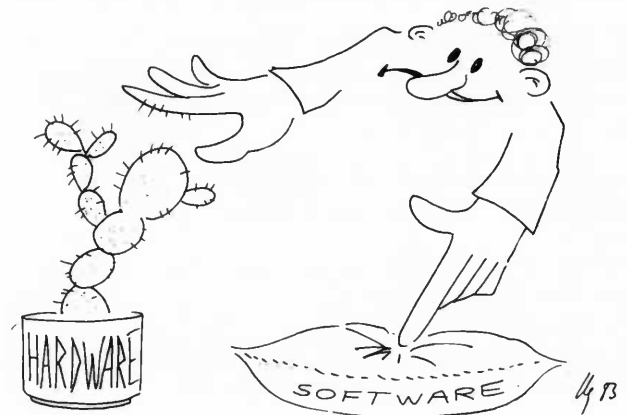
Marketing and Sales activities for Telemetry and Recorders products are drawing employees and equipment to a wide variety of shows and conferences during April and May. These events provide opportunities to demonstrate our technical talents and equipment to many potential customers.

MILITARY DEFENSE EXPO 83 -- A U. S. Government sponsored exhibition which displays U. S. defense technology, Las Vegas, April 28-May 3. A preview of part of our company show booth (prepared by our Illustrations group) was on display near the fish pond area recently. We'll be showing our 5000-series and 8000-series telemetry equipment and the Model 80 Data Recorder.

ASSOCIATION OF OLD CROWS, San Antonio, April 18-20. Steve Hoff and Peter Simmons showed our Model 9, 80, 12 and 15 Data Recorders. This Association deals with electronic communications.

ISA, Seattle, April 19-21. Dick DeLong and Tom Kelly showed our Model 80 and 12 Data Recorders.

PARIS AIR SHOW -- Barry Hawkins, Richard Painter, Bud Thurmond, and Tom Thomas will man our exhibit and tell potential customers about our Telemetry, Aviation Recorders, Data Recorders and SWIMS equipment. This world-class show takes place in late May and early June.



Cartoonist Christian Lerude, BULLETIN TECHNIQUE,
a Schlumberger-Europe publication

IEEE GROUP TO VISIT

Fairchild Weston will host a visit of the Sarasota-Bradenton subsection of the IEEE at our facility on May 17. Bill Waggener, Vice Chairman of the Sarasota-Bradenton Sub-section, will conduct the plant tour. Bill is Technical Director for Data Systems Division.

IEEE stands for Institute of Electrical and Electronic Engineers, which is the major international technical society for electrical engineering professionals.

DON'T FORGET

Remember your appointment for the free Health Assessment program being offered here at Fairchild Weston in cooperation with the Sarasota County Health Department. The sessions are scheduled for April 26, 27, 28, and May 3, 4, 5, 17 and 18. Notices of appointments have been sent out by Occupational Health Nurse Debbie Graham. If you need an appointment, please call Debbie, Ext. 559.

EMPLOYEES REGISTER FOR COLLEGE CLASSES

Over 75 employees have already registered for our fall semester in-house courses, due to start August 29. The Manatee Junior College courses will be:

- QMB 1011 Business Mathematics, Mondays 5-7:50 p.m.
- COP 1170 - BASIC Programming, Tuesdays 5-7:50 p.m.
- MAN 2000 - Management and Organization, Wednesdays, 5-7:50 p.m.
- ETE 2163 - Microprocessing Systems, Mondays & Wednesdays, 4:30-8:30 p.m.

There will be another opportunity for employees to register for these classes during the first week of the fall term in late August.

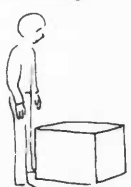
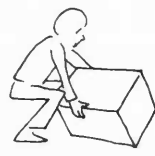
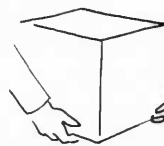



These in-house college credit courses, in cooperation with MJC, are paid for by the company. The company pays for all tuition costs and books for this educational benefit for employees.

In addition, our Educational Assistance benefit is also available to employees who plan to continue their education by enrolling for courses at outside educational institutions. For details of the Educational Assistance Policy, please call Personnel, Ext. 353, prior to registering for your classes.

Know how to LIFT THINGS SAFELY

About 1/2 of all back injuries result from improper lifting.

GENERAL RULES for all situations

- | | | |
|---|---|---|
| <p>1 STAND CLOSE
to the object. Have firm footing.</p>  | <p>2 SQUAT DOWN
-- straddle the load somewhat. Keep back straight; <u>bend knees</u>.</p>  | <p>3 GRASP
object firmly; be sure grip won't slip.</p>  |
| <p>4 BREATHE IN
-- inflated lungs help support the spine.</p>  | <p>5 LIFT WITH LEGS
-- slowly straighten them. After legs are straight, bring back to vertical position.</p>  | <p>6 HOLD
object firmly, close to body.</p>  |

Lift smoothly. Avoid jerky motions.

WILL POWER!



Congratulations to the 12 employees who completed the Freedom From Smoking seminar conducted by Nurse Debbie Graham, and who have successfully kicked the habit! Continued good health to you!

SAFETY TIPS ★★★★★★★★★★
NOTHING -- BUT NOTHING
PROTECTS YOU BETTER THAN
CONSTANT SAFETY AWARENESS

★★★★★★★★★★★★★★★★★★★★

ANNIVERSARY GREETINGS TO OUR FELLOW EMPLOYEES

Congratulations to the sizeable group of employees who are observing major service anniversaries during April. Some 19 of our fellow employees are marking major milestones of 25, 20, 15, 10 and five years of service. Happy anniversary to:

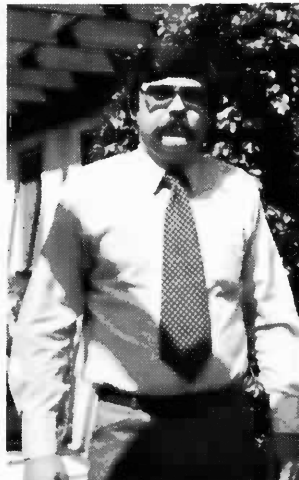


In the foreground, Mary Pless, Dorothy Martin, Mike Gerack, and Clarence King are all observing 20 years with the company. In the background are Joe Keller (10 years) and Roger Mort (15 years). Missing from this photo is John Mayes, whose 10th service anniversary took place this month.

Roland Olson, Software Service Manager for our Field Service group, completed a quarter of a century of service with our company on April 14. Roland is based in our Lancaster, Calif., office. David Rice, of our Software Service group, Lancaster, had his fifth service milestone this month. Missing from these photos is Russ Tatman, of our Wheaton, Md., Field Service group, whose fifth service anniversary was on April 3.



ROLAND OLSON



DAVID RICE



Marking five years of service during April are (seated) Kathleen Clark, Mary Evans, Evelyn Christian, Linda Artell. Standing, Jud Strock, Joe Yourkoski, Pete Richardson, Joyce Williams and Gary Wilson.

KELLEY GETS THANKS FROM MAJOR GENERAL

Art Kelley, of Applications Engineering, has received a letter of appreciation from Major General Niles J. Fulwyler, Commanding Officer of the U. S. Army Missile Range, White Sands, N. M. Art was commended for the work he did on a special committee which evaluated a Data Acquisition and Processing System for the facility. The letter reads in part:

"I wish to express my appreciation for the outstanding support you provided to the 'Blue Ribbon' panel evaluating the High Energy Laser Data Acquisition and Processing System. I commend the professionalism you exhibited, and the intensity with which you approached the task, as evidenced by the extremely long hours and concentrated effort required to evaluate this highly complex system in only four days...

"Please accept my thanks for your valuable assistance to the WSMR High Energy Laser program effort."

(signed) Niles J. Fulwyler
Major General, USA
Commanding

PARTNERS IN HIGH TECH

Bill Waggener, Data Systems Division Technical Director, and Linda McKinney, Personnel Director, took part in a Sarasota area workshop sponsored by the Florida Governor's Commission on the Status of Women, on April 22. The two-day seminar, "Women and Men...Partners in Progress," looked at the new high tech age as it affects employment, education, and family life.