

**FAIRCHILD WESTON
SYSTEMS INC.**



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

VOL. VIII, NO. 10

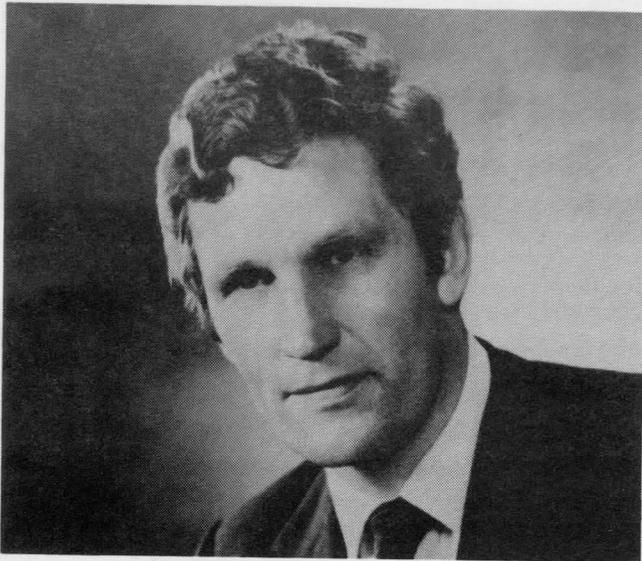
OCTOBER, 1986

EUAN BAIRD IS NEW HEAD OF SCHLUMBERGER LIMITED

The Board of Directors of Schlumberger Limited met on October 1 in New York City and unanimously elected Euan Baird Chairman, President and Chief Executive Officer replacing Michel Vaillaud.

Mr. Baird, 49, joined Schlumberger in 1960, and held various wireline assignments with increasing responsibility in Europe, Africa, the Far East and the Middle East. In 1974 he became Personnel Manager and in 1976 Vice President - Operations in Paris for Wireline activity in Europe, Africa, Asia and South America. In 1979 he was appointed Executive Vice President in charge of worldwide operations in New York. He was elected a Schlumberger Director in 1986.

Mr. Baird attended Aberdeen University in Scotland and is a graduate of Cambridge University.



Euan Baird, Chairman & Chief Executive Officer, Schlumberger Limited.

MODEL 20 RECORDERS ORDERED BY SANDIA

Data Systems Division has received an order to provide four Model 20 Tape Recorders and our Error Detection and Correction System (EDCS) electronics to Sandia National Laboratories in Albuquerque, N.M. The contract is valued at over \$1,000,000.

The Recorders and EDCS will be used by Sandia to record

PICNIC ATTENDEES ENJOYED FUN AND PERFECT WEATHER

It was a glorious day for the big FWSI Data Systems Division Picnic. Hundreds of employees, plus family members and friends, turned out to enjoy the fun at Elks Park on Saturday, October 18.



Some of our Retirees at the Company Picnic on October 18 gathered for a photo.

Activities included: Talent/Gong Show, volleyball, horseshoes, Earth Ball, Limbo Contest, Diaper Derby, Toddler Trot, Pie Toss, Carnival games, Match-up game, Bingo -- plus lots of food, soft drinks, beer, door prizes, children's prizes, and gifts for all employees.

"The Picnic Committee and the many wonderful volunteers who helped deserve a vote of thanks from all of us," said Picnic Chairman Dexter Nash.

About 250 employees found their "match" in the Match Up Game, giving us 125 pairs. Winning tickets were drawn for prizes.

(Cont'd on Page 7)

telemetry data.

Major contributors to the effort which successfully landed this new contract were Tom McCarthy, of Recorder Engineering, Jack Long, of Recorder Applications, and Marty Belkin, who retired last year.

AN EQUAL OPPORTUNITY EMPLOYER M/F/H/V

IRVING HIRSCHBERG WINS KEY TECHNOLOGIST AWARD

Irving Hirschberg, Vice President, Technology Development, Fairchild Weston Systems, Inc., was the recipient of the 1986 Key Technologist Award. The award was presented at the Fourth Fairchild Weston Technology Seminar on September 25 at the Garden City Hotel on Long Island, N.Y.

Thomas Palamenghi, Vice President and General Manager, Electro-Optical Systems, initiated the presentation ceremony, and Fairchild President Louis H. Pighi presented the Key Technologist Award to Mr. Hirschberg.



Irving Hirschberg (left) received the 1986 Key Technologist Award from Fairchild Weston President Louis H. Pighi.

Other recipients of the prestigious Fairchild Weston Key Technologist Award have been:

1983 – Ralph Wight, Technical Director, Imaging Systems Division, Syosset

1984 – William N. Waggener, Data Systems Division Technical Director, Sarasota

1985 – Kenneth A. Hoagland, Senior Consultant Engineer, Imaging Systems Division, Syosset

SOFTBALL TEAM RESUMES PLAY

Fruitville Park is the location for all of the games currently being played by our Men's Softball Team. Coach Tom Greinke and Assistant Coach Pat Parrish invite you to come out and cheer for the team.

Team members include Jim Azukas, Bill Bagley, Bruce Biggs, Rick Greenawalt, Maurice Gritzman, Tom Hackett, Dave Hart, Herb Jones, Ken Knicely, Chris Lester, Rob McLendon, Robin Speidel, Dan and Torry Toler, and Joe Yeager.

EMPLOYEE ASSISTANCE PROGRAM PROVIDES CONFIDENTIAL HELP

What does an Employee Assistance Program offer? Perhaps you know someone who has a problem, such as these:

Mary is a married mother with three active teenagers. Her elderly mother moved in with them six months after her second husband died, and is constantly arguing with the kids, talks out loud to her dead husband, and cries herself to sleep every night. This stressful home situation is affecting Mary's work performance. She's been a half hour late to work several times this month because of morning arguments between her mother and the kids. She feels caught in the middle...

John is having trouble sleeping and doesn't have much appetite. He becomes fatigued and just manages to get through the day. He's lost 10 pounds recently. He's unhappy with his life, but isn't sure where to turn...

Jane is spending a lot of money going out weekends, partying with friends. She gets angry when friends won't ride with her when she's been drinking. They say she drinks too much to drive. She doesn't remember how she got home last Saturday night. Her friends tell her about the hilarious things she did, but Jane doesn't remember anything after midnight...

These are fictitious "case histories." But they are examples of some of the problems an Employee Assistance Program handles through counseling and referrals.

If Mary, John and Jane were Data Systems Division employees, should they discuss their problems with an EAP Counselor?

"Very definitely," say Ken Kinzie and Holly Burcenski. Holly and Ken are Counselors available to help employees and their families, through our Employee Assistance Program.

The Employee Assistance Program can help by discussing ways to handle stressful situations, depression, alcohol and drug problems -- to name a few. In some cases an employee may be referred to a community resource for further expert help.

All counseling is done on a confidential basis. Our Employee Assistance Program is available to help employees and their families. Give our EAP Counselors a call --

Phone 953-1240 daily -- or on Tuesday mornings, the in-plant number is Ext. 5518. EAP Counselors are in our plant Tuesday mornings, 8 a.m to 1 p.m.

THANKS, BLOOD DONORS

A special thank you to the 78 employees who gave blood when the Lower West Coast Blood Bank Bloodmobile visited our plant on September 30.

Remember that employees, Retirees, and their families, are eligible for blood from our Blood Bank account whenever the need arises. Just call Debbie Graham, Ext. 5559, for further information.

HAPPY BIRTHDAY, CIRCLES!

CIRCLES CELEBRATE FOUR YEARS OF ACHIEVEMENT

Nearly 200 employees celebrated the fourth anniversary of the Quality Circle Program at Data Systems Division in ceremonies in the Cafeteria on October 10.

Members of the Advisory Committee who spoke in support of the Circle Program included General Manager Joe Keller, Operations Director Ray McPartlin, Telemetry Director Carl Schleicher, Controller Dick Dobbyn, Manufacturing Manager Dave Clouse and Bob Wallace, Manager of Instrumentation Recorders Production.

Special awards were presented to:

CIRCLE OF EXCELLENCE - for management of weekly meetings which promote teamwork, personal growth, and effective problem solving skills:

- P.C.CHARGERS, representing Printed Wiring Board Assembly
- WRITERS BLOCK, representing Technical Writers

OUTSTANDING PROJECT - for demonstrating a clear understanding of the problem and solution as well as the impact on FWSI:

- SPCA (Standard Products Circle in Action) representing Telemetry Test
- TGIF (The Great Industrious Facilities Crew) representing Maintenance Department

LEADER OF THE YEAR - for demonstrating leadership skills which promoted team building and employee development:

- Teresa Fannin and Herb Larrabee, co-leaders of BIT BY BIT Software Circle.



CIRCLE OF EXCELLENCE: WRITERS BLOCK -- Seated, Mark Hanigan, Carolyn Peet, Don Lignore. Second row: George Emigh, John Wood, Scott Havens, Sue Nurczyk. Third row: Carlo Mammelli, John Talbot, Bill MacNeill.

Joe Keller accepted an award from the Tampa Bay Chapter of the IAQC for "continued commitment and support of employee involvement." In accepting the award Mr. Keller paid tribute to the employees who participate and who are

responsible for the success of the employee involvement program at Data Systems Division.

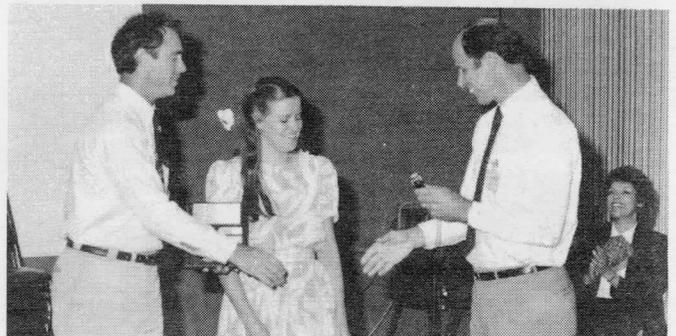


CIRCLE OF EXCELLENCE: P.C.CHARGERS -- Seated, Marianna Campbell, Monica Laskowsky, Josefina Nunez. Second row: Dorothy Berner, Elizabeth Horton, Beverly Gill, Elizabeth Christian, Regina Devine. Third row: Sheri Tipton, Pearl Jennings, Cheryl Mnick.

Facilitator Freddie Masse expressed appreciation to the local merchants who contributed prizes for the drawings which closed the ceremonies: J.H. Gamer, of K-Mart at Bee Ridge & Cattleman; Rick Soiros, Kash n' Karry, McIntosh & Bee Ridge; Pat & Charlie Zanone, TCBY Yogurt, Sarasota & Bradenton; Pizza Hut, Bee Ridge; Wometco Foods.



Mike Eisenbise and Bill England accepted Outstanding Project awards from Ray McPartlin for the TGIF and SPCA Circle members.



Herb Larrabee and Teresa Fannin accepted Leader of the Year award from Carl Schleicher.

AVIATION RECORDERS MOVING FROM CALIFORNIA TO SARASOTA

Ray Ochoa, Manager of our Aviation Recorders West Coast Operations, came to Sarasota in September to train Data Systems Division personnel to produce Flight Data Recorder components and to assist in the orderly transfer of this segment of our Aviation Recorders business to Sarasota.

As announced in May, the Los Angeles facility is being phased out. Analog Flight Data Recorders, using the foil recording medium, and Cockpit Voice Recorders cable harnesses have been produced in California in the past. Manufacture of spare parts and recording foil for these analog units, and any necessary repairs of older units, will be handled through our Sarasota operations in the future.

Ray Ochoa, who observed his 25th service anniversary with Fairchild on June 6 of this year, joined the company at its Harbor Street location in Commerce, Calif. (Los Angeles) in 1961. The operation was moved to the present Sheila

Street location in 1963. He advanced from Quality Control Inspector to Production Manager, and became Plant Manager of the Los Angeles Aviation Recorder Operations in 1982, succeeding A. C. (Bert) Plautz, who died in May, 1982.

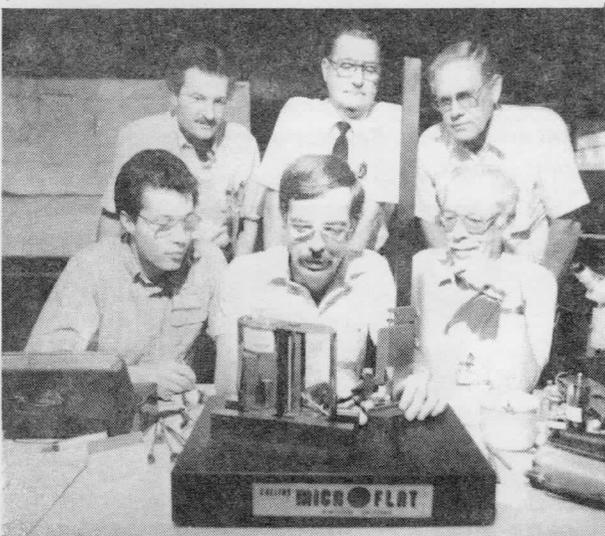
"Ray's expertise and his wholehearted cooperation has helped us become knowledgeable about the foil-type Flight Recorders, so that we can continue to satisfy our many customers who still utilize the earlier analog Fairchild Aviation Recorders," said Production Manager Dave Clouse. "We really appreciate the excellent assistance we have received from Ray Ochoa and all of the personnel in California during this transition period."



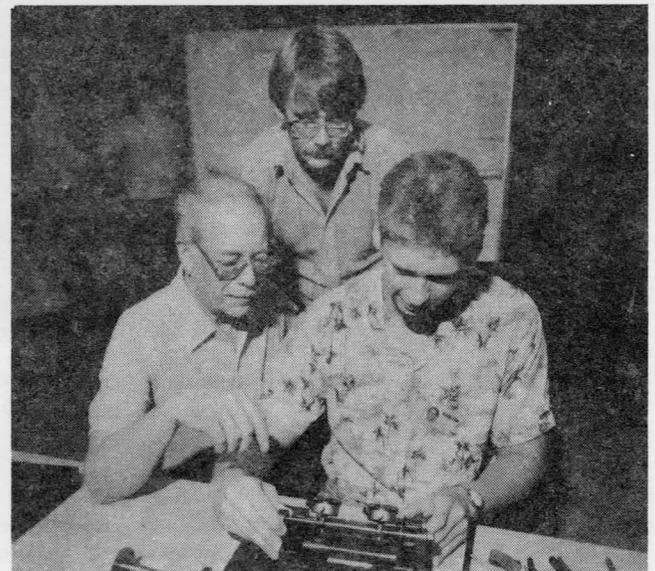
Ray Ochoa, Alyene McCoy, and Terri Hughes (seated) with trip and date encoder unit.



Ray Ochoa and Terry Hurst (seated) setting calibration on the heading servo in the Flight Data Recorder.



Standing, Phil Stockton, Eldon Andrews, and George Phillips. Seated, Victor Powell, Bob Moore and Ray Ochoa, aligning magazine frame which houses the recording foil.

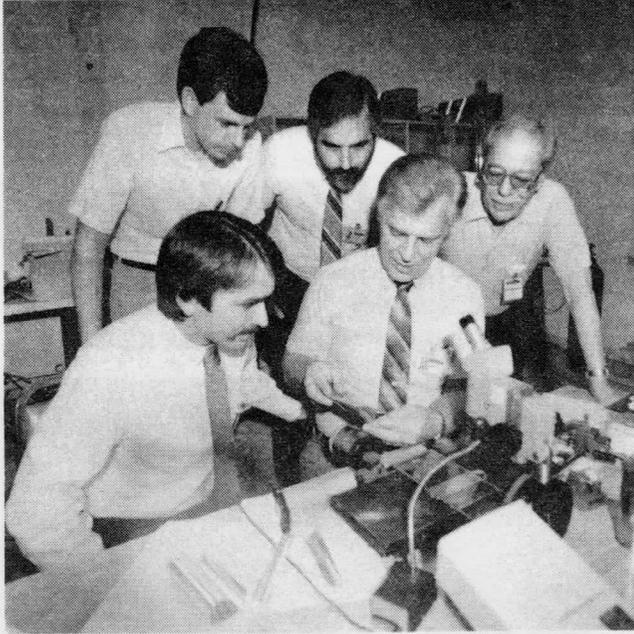


Seated, Ray Ochoa and Paul Coyas (Recorders Engineering); standing, Greg Brooks (Quality Assurance) -- checking spools on which the foil is wound.

AVIATION RECORDERS MOVING

(Cont'd from Page 4)

The Los Angeles Operation is gradually being phased out. There are currently eight employees who are attending to details of the Los Angeles facility closing. The phase-out of the leased facility will probably continue through late 1986.



Reading out Flight Data Recorder foil -- seated, John Dolan and Hans Kaiser. Standing, Bob Boyer, Dave Clouse, Ray Ochoa.

NEW IMPROVED WAVE SOLDER SYSTEM WILL BE INSTALLED

New replacement equipment for the Printed Wiring Assembly wave soldering and cleaning process has been authorized. The new equipment is scheduled to be installed during the plant year-end shutdown.

This new state-of-the-art automatic wave soldering system involves a considerable amount of facility modification and installation effort, including new power lines and water and sewer lines. The new equipment will be installed in the same location as the existing wave solder system. The present wave soldering equipment will be moved slightly north of its present location and kept as back-up until the new system is fully operational. The old system will then be sold.

"The new system is a major capital investment, and promises to be more effective, while offering a safer and more pleasant work environment for employees in the wave solder and adjacent areas," said Tony Reali, of Manufacturing Engineering.

SAFETY AWARENESS HELPS AVOID PAINFUL INJURIES

NSTL SYSTEM SHIPPED

A major telemetry data processing system was shipped this month to Lockheed at NSTL, Mississippi, for ultimate use by the Navy at the Fleet Numeric Oceanography Center (FNOC), Monterey, Calif. The contract is valued at approximately \$2,000,000.

Lockheed has the responsibility for integrating our system with a Perkin Elmer computer system at the National Space Technology Laboratory (NSTL) facility in Mississippi. The integrated system will subsequently go to California.

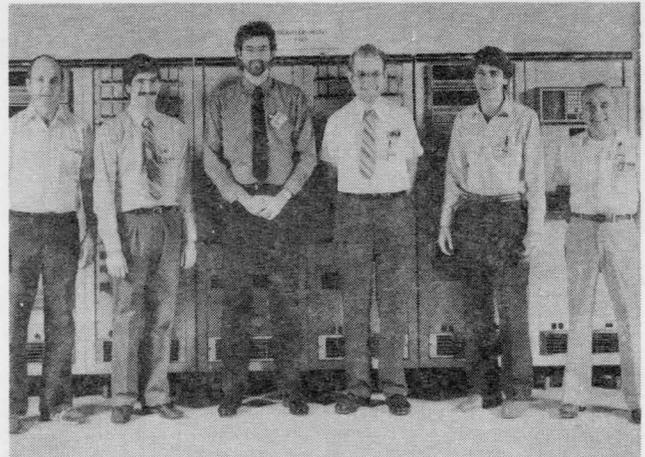
The EMR ground equipments are new 8000-series based systems and will be handling satellite data from TIROS-N, SMS, GOES-AAA, and DMSP (Defense Military Satellite Program) satellites.

"The standard 8330s and 8340s were modified and 11 new cards were designed to aid in meeting the customer's requirements," explained Program Manager Tom Pittet. "The entire design, assembly, integration and test was completed in 11 months."

"We'd like to say thanks to all the employees who made it possible for us to bring this system together on schedule," Tom said.

Members of our Lockheed/NSTL Program team included Jack Cain, Bill Cox, Gene Harbert, Jeff Kelley, Erwin Lawson, Mike Meesit, Rick Mitchell, Don Riker and Mike Weed.

Many of the team members will also participate in installation, checkout and training at the Mississippi location through mid-November.



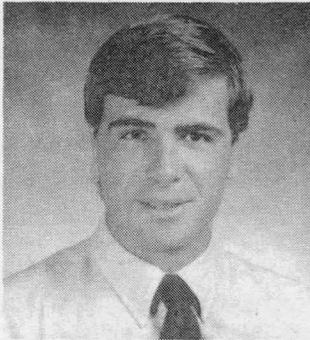
Some of the Lockheed/NSTL System team -- Don Riker, Mike Meesit, Rick Mitchell, Erwin Lawson, Mike Weed and Gene Harbert. Missing from this photo are Jack Cain, Bill Cox, Jeff Kelley and Tom Pittet.

8470 TEAM MEMBERS

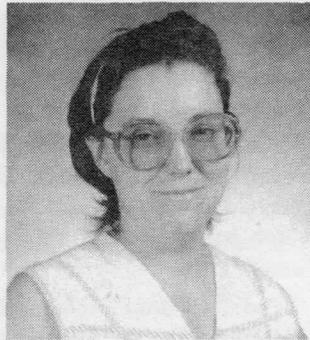
Technicians Chip Voss and Mark Fogelson should be included in the list of Engineering Team members on the new Model 8470 Tunable Digital Multiplex Discriminator. We regret their names were inadvertently omitted from the Model 8470 story in September's PULSE.

WELCOME ABOARD TO SOME OF OUR NEW FELLOW EMPLOYEES

Introducing some of our new colleagues who have joined Data Systems Division recently --
 Welcome aboard! We're pleased to have you working with us, and hope you enjoy being part of the action at Fairchild Weston.



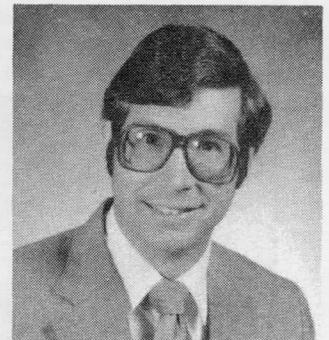
JAMES B. AZUKAS
 Assoc. Mech. Engineer
 Instrumentation Recorders



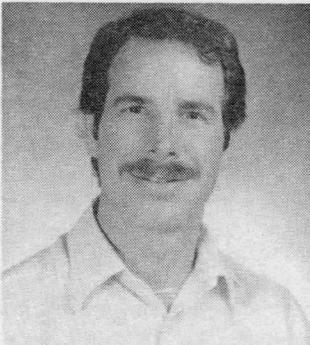
BARBARA BAILEY
 Mat'l Attend. Helper
 Stock Room



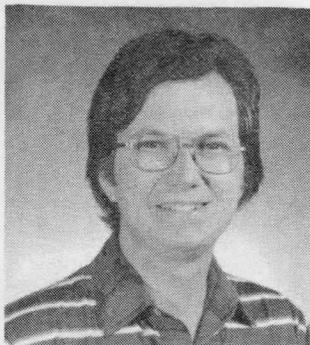
B. E. "BUTCH" BRANSON
 ILS Project Coordinator
 Instrumentation Recorders



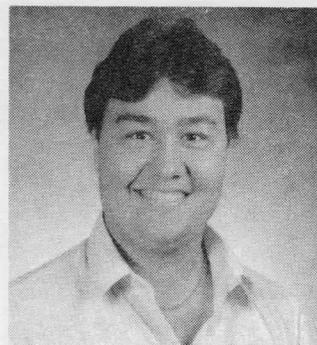
RAY BROWN
 Signal Analyst
 Signal Processing



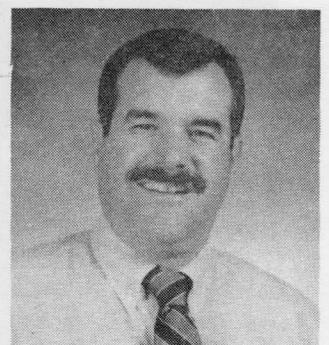
KEN COONCE
 Sr. Systems Analyst
 Software Engineering



STEVEN B. CRABTREE
 Principal Engineer
 Telemetry Product Dev.



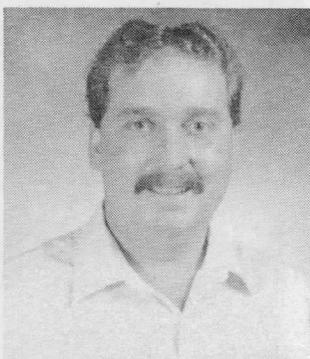
DAVID DOWDING
 Technician
 Equipment Recorders



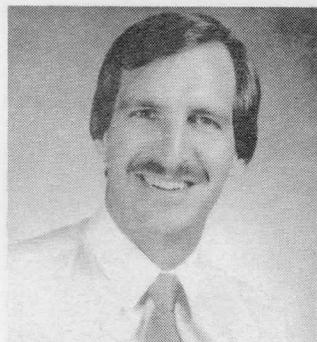
JOHN P. JESTER
 Assoc. Program Manager
 Signal Processing
 (Previously with Vector
 Schlumberger)



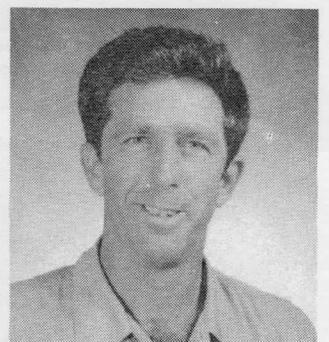
DAVE LYON
 Senior Engineer
 Systems Eng'g Hardware



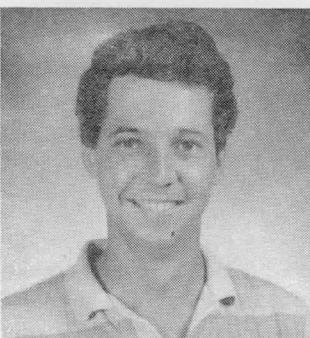
MARK W. McCLURE
 Technician
 Recorders Test



DALE A. ROEDGER
 Sr. Sci. Systems Analyst
 Telemetry Staff



BOB THOMSON
 Air Cond. Technician
 Facilities



STEVEN W. TROYAN
 Technician
 Recorders Test

RENOVATIONS STARTED

Renovations are beginning in the L-2 section of the building, near Reprographics, to enable Configuration Data Management and the Engineering Document Center to move into that area. The present schedule calls for the work to be completed about January 1, 1987.

WHAT PERFECT WEATHER FOR OUR BIG FAMILY PICNIC!

Some of the prize winners at the Picnic are listed here.

TALENT/GONG SHOW

Cynthia Studenwalt, violin solo - Wieniawski Concerto No. 2 in D minor, Op. 22.

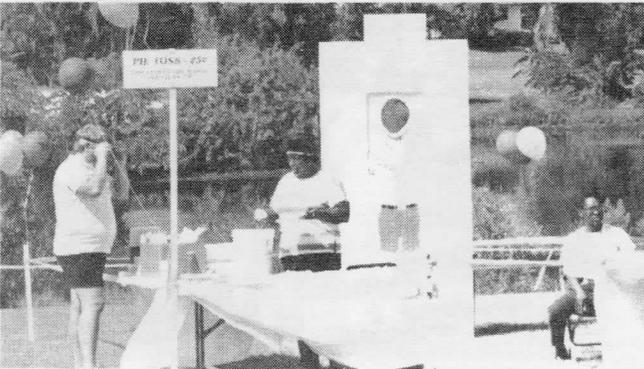
SUSIE Q & THE RIVER RATS - Susie Carrico, vocalist; Dick Dobbyn, drums, and Burt Boss, keyboard - performing "Proud Mary"

Byron Haines, singing "Smile"

Special thanks to the Judges -- Freddie Masse, Carolyn Peet, and Carl Schleicher -- who had the difficult task of using the "gong" and rating the very talented performers.



SOMETHING FOR EVERYONE AT OUR COMPANY PICNIC!



Here are some of the prize winners at the Picnic.

DIAPER DERBY

Rachel Kruse (9 months)
 Larry Whaley (10 months)
 Ashley Crawford (8 months)

TODDLER TROT (Under 18 mos.)

Jason Sarnie (16 months)
 Kirk King (13 months)
 Jaavni Parkhani (15 months)

TODDLER TROT (18-24 mos.)

Bridgette Havens (23 months)
 Nathan Robinson (22 months)
 Jennifer Fuller (24 months)

DOOR PRIZE WINNERS

Pat Lahmers – Panasonic 5 in. TV
 Patrick Horton – Avanti Refrigerator
 Louise Ream – Fisher Boom Box
 Robin Johnson – Panasonic Telephone Answering System
 Arline Cifaldi – Bell Long Range Cordless Telephone
 Herb Jones & Margaret Herbst – \$50 Maas Brothers Gift Certificates

CHILDREN'S PRIZE

DRAWINGS

Chaz Wolf
 Veronica Horton
 Kristina Englund
 Rebecca Devine
 Chris Tatman

MATCH-UP GAME WINNERS

Berenice Henderson & Joe Koscielny
 Naomi Sundstrom & Darrell Powell
 Larry Foster & Art Sokol

LIMBO CONTEST

Ages 8 – 12 Steve Tibbs

Ages 13 – 17 Jennifer Anderson and Marc Sokol

Adults – Della Dunlap

BALLOON TOSS

Marci Mewes and Jim Azukas



LOWER LOAN RATES AT CREDIT UNION

Effective October 10, 1986, the Credit Union has lowered its loan rates. The rates are scaled to the vehicle years as follows:

		Maximum Repayment Schedule
1986 & 1987	9%	48 Months
1985	12%	"
1984	13%	"
1983	14%	"
All others	15%	"

The Credit Union Board of Directors has also waived the \$15 Loan Administrative Fee and Loan Insurance costs on new cars, vans and trucks to give Members additional savings.

The maximum amount a member may borrow has been increased to \$14,500 (Collateral \$13,000 and Signature \$1,500).

If you have recently bought a new vehicle, the Credit Union will now refinance new cars, vans or trucks at 9%, provided the refinancing occurs within 90 days of the date of the original bank note. Call the Credit Union Office, Ext. 5535, for more information.

EMPLOYEES STUDY CPR

Eleven Data Systems Division employees, plus some of their close family members, participated in a Basic Life Support-CPR training class at the Sarasota County American Red Cross Chapter House on Saturday, September 27. The class was taught by Occupational Health Nurse Debbie Graham, with her husband Ed Graham as Co-Instructor. Both are Certified Instructors. All participants successfully completed the program for certification.

Employees in this recent CPR class were: Steven Crabtree, Bill England, Richard & Verna Lee Frye, Dick Haase, Robert Heaton, Jr., Richard Kissell, David Owens, Paul Shetler, Mike Weed and Sandie Woods.

At a similar class taught by Debbie and Ed Graham on Saturday, June 28, the following Personnel Department employees were certified: Elaine Ellis, Berenice Henderson, Rick Greenawalt, Margaret Herbst, and Cindy Mathews.

Please call Debbie Graham, Ext. 5559, for more information about future classes in Basic Life Support-CPR.

SAFETY TIPS ★★★★★★★★★★

**NOTHING -- BUT NOTHING
PROTECTS YOU BETTER THAN
CONSTANT SAFETY AWARENESS**

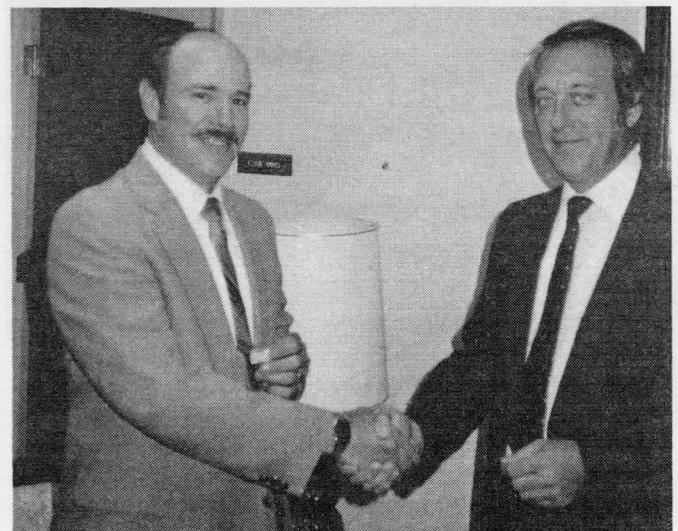


ANNIVERSARY GREETINGS

Six employees marked major service milestones in October, ranging from 10 years to 25 years. Topping the list is Wayne Brinton who observed his quarter of a century mark with our company on October 2.



Congratulations to Pearl Jennings (15 years), Hank Zarnoski (20 years), Al Marion (15 years) and Ollie Stone (10 years). Missing from this photo is Wayne Brinton (25 years).



At left, Larry Edwards, Senior Sales Representative based in our Cupertino, Calif. office, received congratulations from Bud Hinkel, Western Region Telemetry Sales Manager. Larry completed ten years of service on October 4.

CONGRATULATIONS!

TINA BUSS (IBM Computer Operations) and her husband Greg welcomed their daughter, Amanda Kay, on September 26. The baby weighed in at 7 lb. 6 oz.

RICK FARINA (Test Engineering) and his wife Deborah announce the arrival of their new baby girl, Stephanie Nicole, on September 26. She weighed 8 lb. at birth.

LORI McCLENITHAN (Aviation Recorders Marketing) became Mrs. Virgil Yoder in a Sarasota church wedding on October 18.

A SPECIAL HOBBY THAT BRINGS BEAUTY WITH IT

Cora DiBello (Inspection) and Dorothy Richey (P.C. Fab area) are both long-time orchid fanciers, and recently were among the volunteers at the Orchid Show held in Sarasota's Exhibition Hall October 17, 18, 19. Dorothy did some flower arrangements at the show, and Cora made corsages.

Dorothy and Cora are members of the Sarasota Orchid Society, and both devote much time, energy and money to their hobby. Their rewards are beautiful blooms -- delicate tiny flowers, or long branches of blooms, or clusters of large, showy orchids of varying shades of color.

Cora has a screened porch, near their pool, that gives her plants the humidity and temperature they need. Dorothy has recently added a 20 x 20-foot greenhouse at her home, thanks to a lot of help from her nephew, Mark Haynie, and John Thornton, recently retired from Data Systems Division. She has over 400 orchid plants.



Dorothy Richey with some of her orchids. This is an L.C. Lee Langford X S.L.C. Naomi Kerns variety.

VACATION TRAVELS

Want to share your vacation fun with your fellow employees? Please give PULSE a call (Ext. 5401) -- or send a note -- and let us know about the travels and adventures you enjoyed on your vacation.

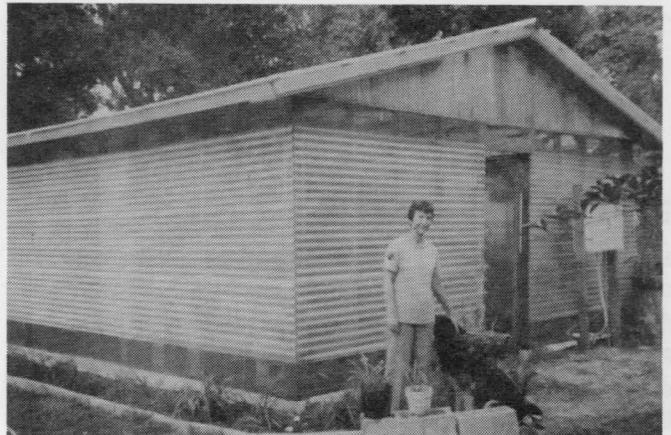
LIZ PETERS (SPS) and her husband Eric toured London, Amsterdam and Paris, September 8-21. "We got to Paris after the bombings and had a wonderful time. Paris is by far the most beautiful city in Europe," Liz says.

MIKE GERACK (Quality Control) and his wife Angie had a great nine-day trip to Hawaii, visting Oahu and Maui, during October.

BERENICE HENDERSON (Personnel) spent ten days in Honolulu and touring the island of Oahu during September. She combined vacation, sightseeing and a reunion with her brother and his family who are long-time residents of Hawaii.



Cora DiBello brought in a few of her orchids, currently in bloom.



Dorothy and Cricket, her German Shepherd, with the greenhouse which houses her hundreds of orchid plants.

CREDIT UNION NEEDS YOUR PARTICIPATION

Members of the Credit Union interested in running for Credit Union office for the calendar year 1987 are invited to phone Herb Larrabee, Ext. 5193, or Lillian Conway, Ext. 5535, before December 18, 1986.

The following positions are open for candidacy:

Board of Directors	3
Supervisory Committee	3
Credit Committee	3

The Credit Union Board of Directors extends a cordial invitation to all employees of Fairchild Weston Systems Inc., Sarasota, to get involved with your Credit Union.

Nominations cannot be taken from the floor at the annual meeting, as State Statutes dictate that a disclosure statement must be given by anyone running for office before they can be accepted.