

FAIRCHILD WESTON
Schlumberger

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

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BILL WAGGENER RECEIVES KEY TECHNOLOGIST AWARD

William N. Waggener, Technical Director at Data Systems Division in Sarasota, was named 1984 Key Technologist, Fairchild Weston Systems, Inc., at the annual Fairchild Technology Seminar on October 4 in New York. This is the second year for this award.

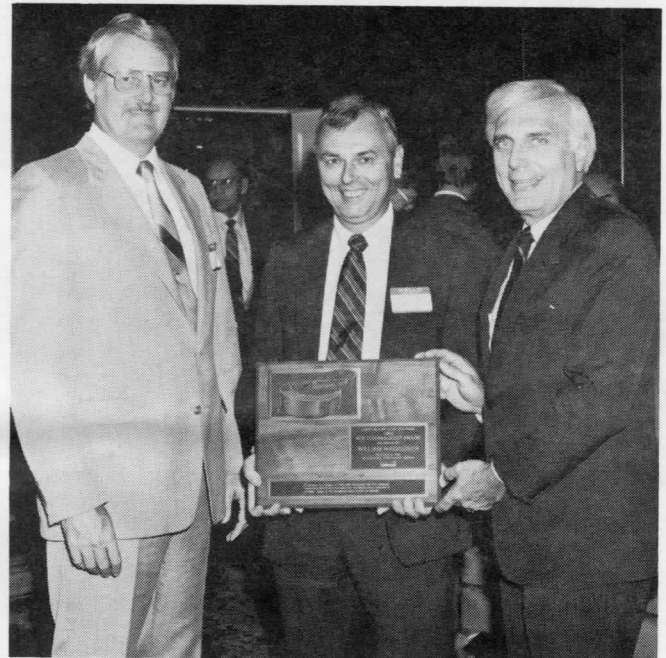
The prestigious annual award recognizes the exceptional employee who has demonstrated a high degree of creativity, technical innovation, and technical excellence, and made a significant contribution to new business. The first FWSI Key Technologist award was presented in 1983 to Mr. Ralph Wight, Technical Director of the Imaging Systems Division, FWSI, Syosset, N.Y.

The honor provides for presentation of a distinctive award, a plaque, and a \$3000 stipend to the Key Technologist. As the second FWSI Key Technologist, Bill Waggener received a handsome Steuben Glass award, and his name will be inscribed on a Fairchild Weston Honor Roll to be displayed in a prominent place in our plant and at all other Fairchild Weston Divisions. Bill Waggener's Steuben Glass sculpture is mounted on a base bearing the inscription, "Dedicated to an ongoing search for excellence."

His broad technical contribution at Data Systems Division began when Bill joined our company in Sarasota in 1960. His efforts have ranged from theoretical analyses and conceptual designs to detailed implementation. His technical achievements involved new business, standard product development, programs and systems, and new technology.

Bill Waggener was the guest of honor at a dinner in Sarasota on October 18, when he received special recognition from his colleagues on the Senior Staff of Data Systems Division. General Manager Joe Keller hosted the event. Distinguished visitors from FWSI, Syosset, at the dinner included FWSI President Louis H. Pighi, Director of Technology Development Irving Hirschberg, and Imaging Systems Division Technical Director Ralph Wight.

"We are very proud that Bill Waggener has achieved this recognition which he so richly deserves," said Joe Keller. "Bill's technical leadership has been outstanding for many



General Manager Joe Keller, Technical Director Bill Waggener, and FWSI President Louis H. Pighi at 1984 Key Technologist Award presentation in New York on October 4.

years, and I know that all Data Systems Division employees join me in congratulating him. I also look forward to the time when other talented technical people in our Division might earn this distinction in the future."

In 1982 Bill was promoted to his current position of Technical Director for Data Systems Division. He is responsible for setting the technical course which the Division will follow. He counsels all engineers in career development and oversees the Division's Research and Engineering program.

Bill's innovative technical approaches have resulted in his receiving seven U.S. patents. He is the author of numerous technical papers, two of which have won awards from the Instrument Society of America.

After earning his BSEE from Rose Hulman Institute of Technology, Terre Haute, Ind., in 1957, Bill was with Melpar and Bendix prior to joining EMR in Sarasota in

(Cont'd on Page 2)

AN EQUAL OPPORTUNITY EMPLOYER M/F/H/V

BILL WAGGENER RECEIVES KEY TECHNOLOGIST AWARD

(Cont'd from Page 1)

1960. He received his MEE from the University of Florida in 1967, and for one year he worked at the Mitre Corporation.

In the early 1960's Bill was involved in the Telescope project at EMR, and subsequently was project engineer on a weather satellite data processing system for NOAA, and later worked on a U.S. Navy weather satellite data processing system project.

During the past ten years Bill's focus has been on new technology for our Division. His work has involved digital signal processing; change-coupled devices as signal processing components; the use of gate arrays in our tape recorders, and innovative software technology.

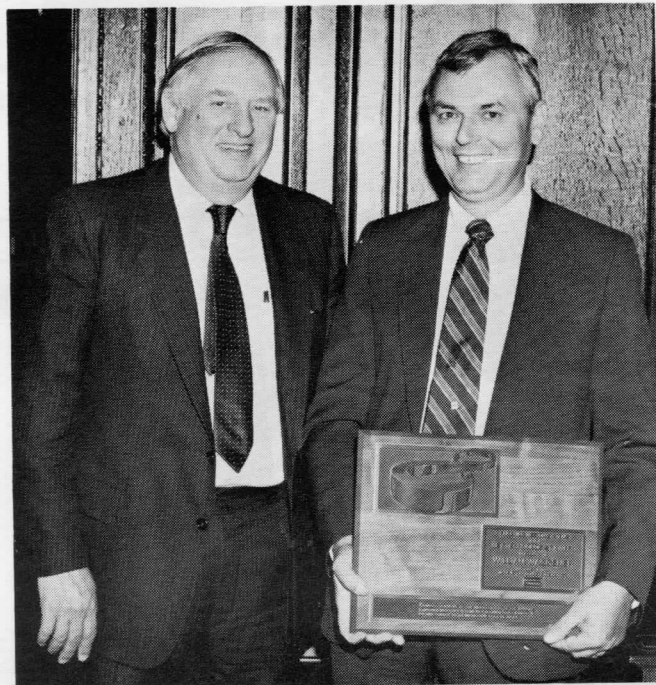
In the late 1970's and early 1980's, Bill performed studies for a new generation of Telemetry systems. These concepts were incorporated in the development of our 8000-series Telemetry products. Over the years, Bill's technical expertise has led to the Division's entry into several new business segments. A Signal Processing Study, with Lee Ibsen, provided the basis for real-time processing of signals. In the early 1970's he did the design concepts and detailed designs for the first low-cost telemetry systems at our Division intended for use in industrial applications.

As a communications expert, Bill Waggener has been involved in a number of joint projects with Schlumberger companies, including a Measurement While Drilling (MWD) Design study for Schlumberger Technology Corporation. The Data Systems Division continues to manufacture the MWD signal processor here. He also provided the conceptual design of the Cable Communication System (CCS) — a PSK digital telemetry system used by the next generation of Schlumberger logging trucks.

In the area of standard products, Bill made technical contributions toward the design of the DM code for the Model 720 Bit Synchronizer. His research into detection theory and optimum synchronization techniques led to a new type of matched filter in the Model 726 Bit Synchronizer and a number of design concepts incorporated in the 8320 Bit Synchronizer. His theoretical work on PSK demodulators aided in the development of the Model 728 and 729 PSK demodulators.

His professional associations include: Senior member, IEEE; Florida Engineering Society; and Registered Professional Engineer in the State of Florida. Bill Waggener has been Chairman of the IEEE Sarasota-Bradenton Subsection, 1983-84, and he has most recently served as Adjunct Lecturer at the University of South Florida and New College.

Bill met his wife, the former Kathleen Connolly, at EMR. They are the parents of three children -- Lisa, a senior at



Ralph Wight (at left) and Bill Waggener are the first and second FWSI employees honored with the Key Technologist Award. Mr. Wight received the prestigious award in 1983, and our own Bill Waggener is the 1984 Technologist Award recipient.

Christian Brothers College; William Jr., a senior at Rose Hulman Institute of Technology, and Carol, a freshman at Berry College.

Several DSD colleagues joined Bill Waggener in attending the Fairchild Second Annual Technology Seminar in Old Westbury, N.Y., on October 4, and were on hand when Bill received the Key Technologist Award. Attending from Sarasota were R. J. Keller, Martin Belkin, Roy Paxton, and Carl Schleicher.



**SAFETY
AWARENESS
PAYS**

Safety awareness and safe practices are your best bet to avoid painful injury. Accidents hurt. Be careful, and be safe!

GENERAL DYNAMICS SYSTEMS PACKED AND READY TO SHIP

Three additional systems were shipped recently on our General Dynamics Shuttle/Centaur program contract. The systems are PCM Decommutation systems to be used for the Shuttle/centaur booster on the Galileo program, a deep space probe.



These General Dynamics systems were shipped to Complex 36, Cape Canaveral, recently. Pictured in Shipping are Larry Dunham, of Quality Control; Charles Hodsdon, General Dynamics Procurement Quality Representative; Dave Walker, of Quality Engineering; Don Case and Eddie Sleeman, of Traffic.

Each of these Stored Program Decommutator Systems includes two of our newest 8000-series products -- the Model 8330 PCM Decommutator, and Model 8340 Expander Unit -- plus the Model 720 Bit Synchronizer and other specially-designed interface units.

Len Zeiler is Program Manager and Gene Harbert is System Technician on this contract. General Dynamics has ordered six additional systems with deliveries extending into 1985.

INSTRUMENTATION RECORDERS HAD OUTSTANDING SEPTEMBER

Our Data Recorders Product Line chalked up an outstanding record for the month of September. Much extra effort went into meeting shipping deadlines -- not only in the Manufacturing areas, but also by Recorders Engineering, Field Service, and support groups throughout the plant.

"Some of our shipping commitments looked almost impossible to meet, but our people came through to make September a month we will long remember," said Claude Vatinelle, Director of Recorders Product Line.

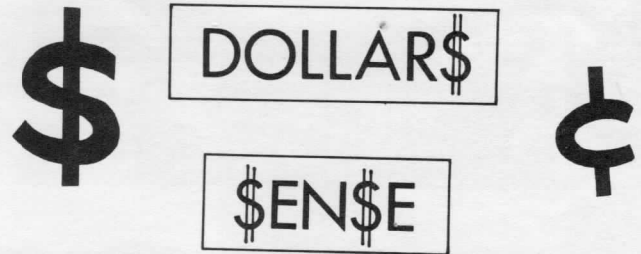


JOIN CREDIT UNION NOW AND SAVE MEMBERSHIP FEE!

The Fairchild Sarasota Credit Union has launched a membership drive from October 15 to November 15, aiming for 100% participation among Data Systems Division employees.

By joining the Credit Union now, you can save the \$5 membership fee, and enjoy the benefits of membership for years to come -- savings, loans, life insurance, travelers checks, convenient payroll deductions, and excellent service from the Credit Union Staff.

Remember, too, the Credit Union will be moving into new quarters near the Cafeteria around the end of October. Call Lillian Conway, Ext. 535, for information about membership, loans, or any other Credit Union questions you may have.



QUALITY CIRCLE ANNIVERSARY & AWARENESS MONTH SCHEDULED

The second anniversary of the Quality Circle program at Data Systems Division will be observed with a week of celebration and activities, starting on November 5. This will also be the kick-off day for our "Quality Circle Awareness Month."

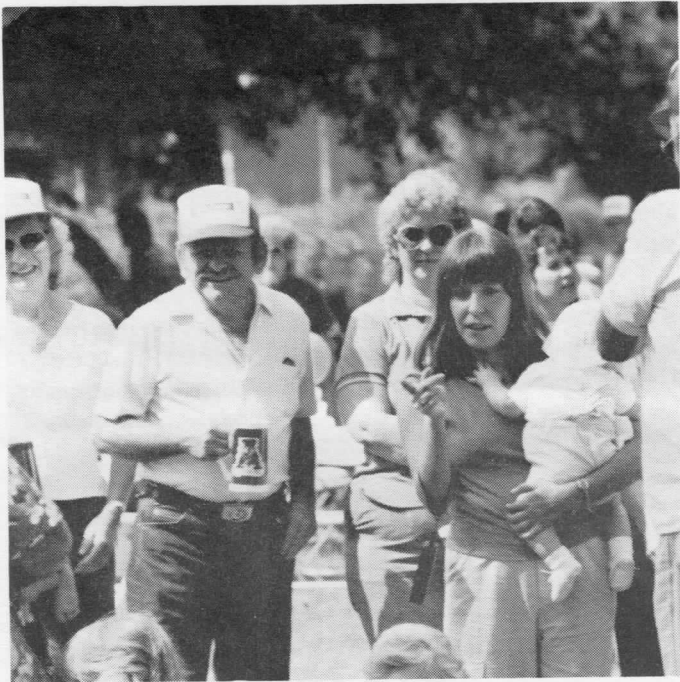
We currently have 13 active Quality Circles, with 109 Circle members and leaders. During November, they will have the opportunity to share their accomplishments and goals for future projects with all employees.

Quality Circle Facilitator Freddie Masse says there are more Quality Circles in the planning stages, and she will be providing an informative communications program to let all employees know just what Quality Circles are, what they can do for you as an employee, and for all of us as a Company.

HAPPY CROWD ENJOYED OUR BIG FAMILY PICNIC

Perfect weather, good food, and lots of activities made for a successful picnic on October 13 at Elks Park. Some 2000 employees and family members consumed 1540 pounds of barbecued spareribs, 1000 hot dogs, 1240 hamburgers, 7200 soft drinks, plus lots of beer, potato salad, cole slaw, baked beans, and watermelon.

"Special thanks are extended to the many volunteers who worked so hard to make the Picnic such an enjoyable event," said Dexter Nash, of Personnel.



VOLLEYBALL

First Place

Mike Bloczynski
 Angel Bloczynski
 Mark Hanigan
 Pam Hanigan
 Rick Mowrey
 Jay Price
 Richard Rice
 Jim Robinson
 Julie Robinson
 Scott Rowe
 Bruce Templeton

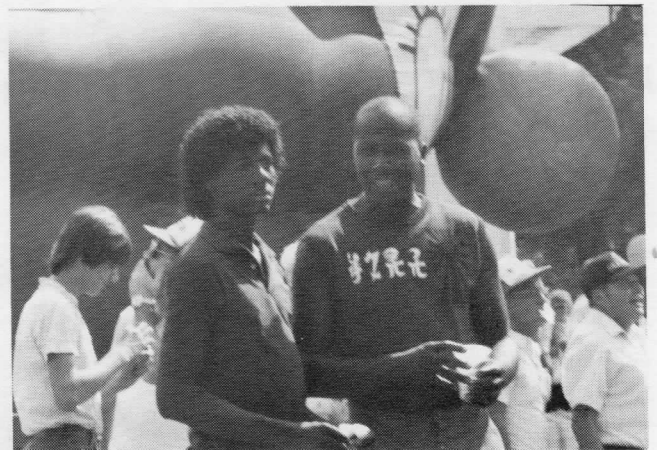
Second Place

Lee Bakst
 Ken Coonce
 Tom Greinke
 Beth Jenkins
 Randy Key
 Ken Matchett
 Kevin Murphy
 David Payne
 Dave Taylor
 Alt: Sharon Key

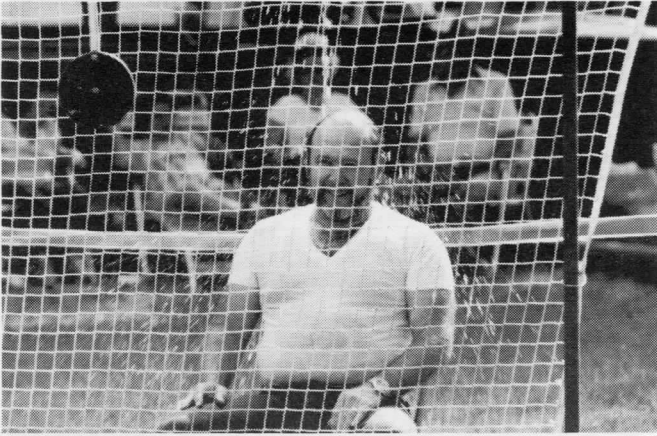


DIAPER DERBY

- 1st Place - Becky Buss (Tina Buss) 9 months
- 2nd Place - Tiffany Kitaoka (Roy Kitaoka) 7 months
- 3rd Place - Jayme Coonce (Ken Coonce) 6 months

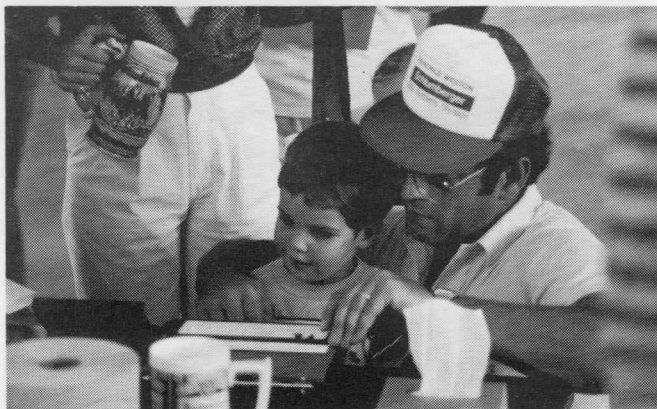


FUN FOR EVERYONE -- YOUNG AND NOT-SO-YOUNG!



TUG-OF-WAR

Paula Baker	Fuad Ali
Patsy Crawford	Greg Lambert
Chris Govaars	Russ Phillips
Peggy Huestis	Wayne Sarnie
Beth Putnam	Dick Van Deusen
Carol Waters	Joe Keller



DOOR PRIZES

PANASONIC RX-F4 AM/FM RADIO CASSETTE RECORDER
- Cindy Kuhns

TOASTMASTER SYSTEM 3 OVEN/BROILER - Kevin Robinson

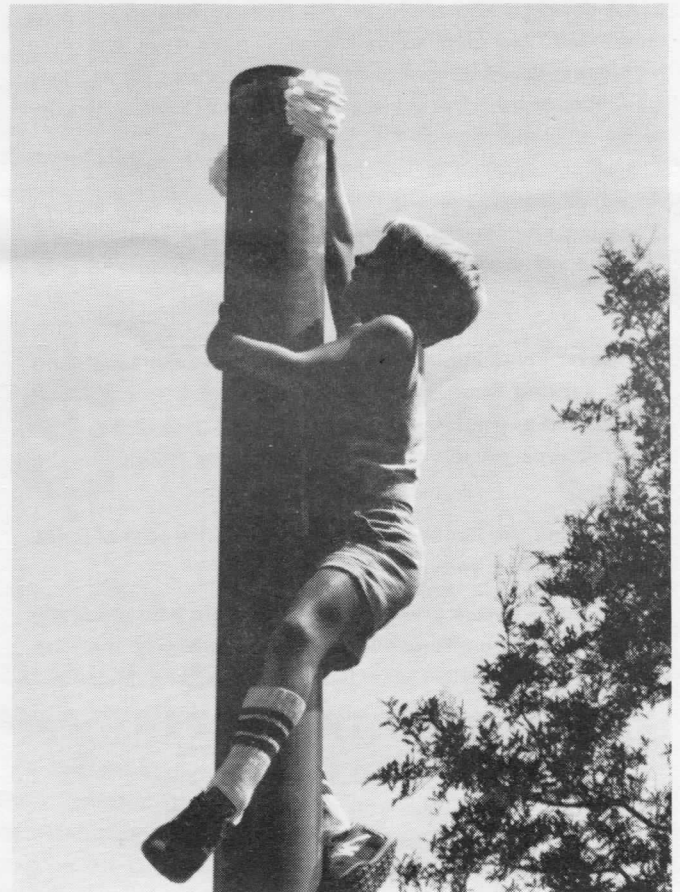
GE DELUXE FM/AM CLOCK RADIO TELEPHONE - Walter Holmes

CANON SURE-SHOT CAMERA - Dick Vorce

SUNBEAM 7-SPEED HEAVY DUTY FOOD PROCESSOR - Arline Cifaldi

\$50 SHOPPING CERTIFICATE AT MAAS BROTHERS - Stephen Wethington

\$50 GIFT CERTIFICATE FOR PUBLIX - Patty Lehman



HORSESHOES

1st place - Dave Hart & Bill Miles

2nd place - Jack Boehner, Ron Connolly

3rd place - Billy Fincher, Stan Stortz

GREASED POLE WINNERS - \$50 EACH

Emily Kerwin (8)

Amy Ross (10)

Byron Haynes (16)

Sheldon Horton (13)

Tom Morrison (13)

Matt Veigel (12)

Arend Govaars (14)

FRIENDS HELPING A FRIEND -- JUST LIKE THE GOOD OLD DAYS!

It's an American tradition -- barn raising... helping a friend or a neighbor.

Sometimes people say, "Where have all the old values gone?" Here at Data Systems Division, those traditional ways are still working, and friends are helping friends.

When a colleague drove past Wayne Norman's house a couple of months ago, he said to himself, "That house needs painting. We'd better see about getting it done."

So one employee mentioned the idea to another, and soon a group told Wayne they'd be ready to paint his house on Saturday, October 6, if he would have the paint ready.

Wayne Norman, of Telemetry Test, was struck by lightning on August 27, 1978. He spent 11 weeks in the hospital, and had a long painful recovery. He literally had to learn to crawl, and then learn to walk again. These days Wayne, a highly respected 25-year employee, continues his work as a Technician with the aid of a wheelchair or walker. His dry sense of humor stands him in good stead.

When the work crew arrived at his home and started preparing the house for the paint job, he commented, "They're all working like they're getting time-and-and-half."

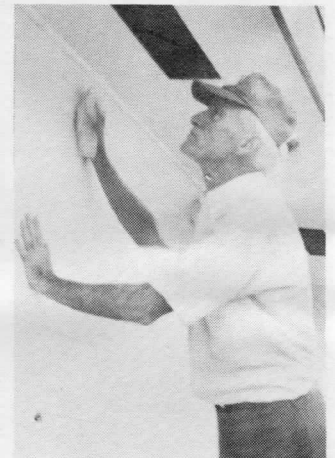
The crew arrived about 8 a.m. They cleared away brush and limbs, sanded the fascia board, used bleach to clean the overhang of any mildew or stains, caulked the cracks, used masking tape on the trim, and soon were rolling on the paint.

By 2:30 p.m. the house had a sparkling white coat of paint and fresh lemon yellow trim.

A salute to the work crew -- good neighbors who modestly downplayed their efforts and wanted no publicity. Here are their names. They have set an example for all of us to follow:

Jerry Belveal
George Bennett
Wayne Brinton
Lonnie Gunter
Bud Lang

Judy Mewes
George Norton
Pervis Sanders
Dick Vorce



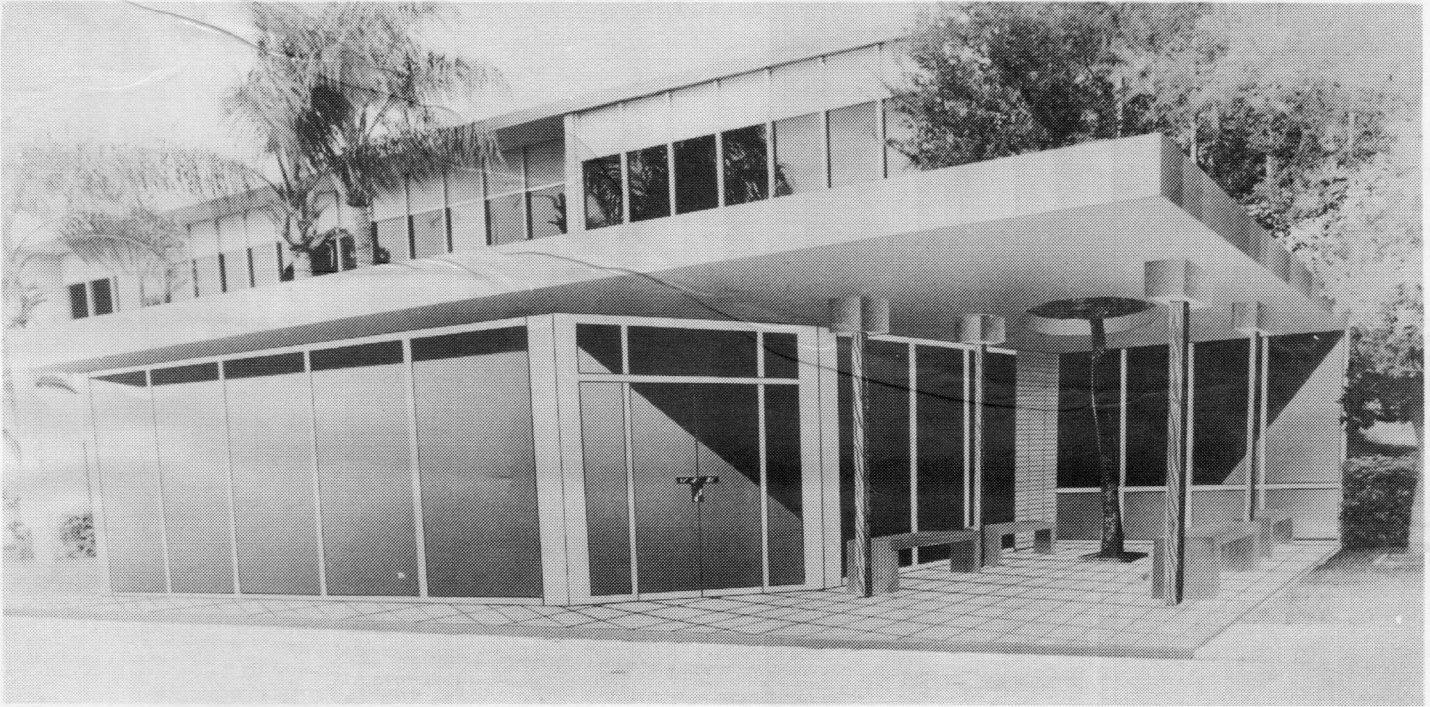
RENOVATIONS UNDERWAY ON OUR FRONT ENTRANCE

Renovations are underway on the front entrance to the Data Systems Division building. The improvements will include a lobby-reception section, with mini-conference areas where vendors or customers can confer with employees; visitor rest rooms, and a large renovated conference room, plus new downstairs restrooms.

"After the noise and dust settles, we expect to have a very attractive entrance befitting the nature of our business," said Frank Bloechl, Facilities Manager. "Work on this phase

of our long-range building renovations program should be completed about the end of the year."

Another project is moving the Credit Union office to an area adjacent to Procurement, near the Cafeteria. This should be completed by the end of October, Frank said. This is done to give Accounting more office space and to provide a larger, more functional area for the Credit Union.



Artist's rendering of improved front entrance.

HAPPY CROWD ENJOYED OUR BIG FAMILY PICNIC FUN FOR EVERYONE -- YOUNG AND NOT-SO-YOUNG!



INTRODUCING FREDDIE MASSE, QUALITY CIRCLE FACILITATOR

Freddie Masse, new Quality Circle Facilitator for Data Systems Division in Sarasota, brings to her new position an extensive background in training and personnel development which fits in very well with our people-oriented Quality Circle program.



FREDDIE MASSE, QUALITY CIRCLE FACILITATOR

A native of Maine, Freddie was graduated from the University of Southern Maine. She held positions in Personnel, Sales and Sales Management and Training with several employers, including Rexair, Columbus, Ohio, and Miller Industries, a multi-plant textile manufacturer in Lisbon Falls, Maine. She also was employed as a Recruiting Specialist with Dunhill Personnel in Portland, Maine, and Fort Wayne, Ind.

As a consultant to the Department of Labor in Maine, Freddie developed workshops and seminars targeted to assist displaced homemakers, disadvantaged youth, Vietnam veterans and ex-offenders. Most recently she was self-employed in Atlanta as a consultant to industry, providing seminars in assertiveness training, effective communication skills and time management.

Freddie, her husband Leo, and daughter Michelle, 12, moved to Bradenton in June.

"I'm very excited about working with the terrific group of employees at Data Systems Division," Freddie said. "I hope that together we can make the Quality Circle program grow and prosper."

For relaxation Freddie enjoys tennis and bridge, and plans to get involved in local theater activities. The busy lady is already scheduled to present three workshops on Changing Careers at the Women's Resource Center in Sarasota.

ANNIVERSARY GREETINGS

Congratulations to this group of employees observing major service anniversaries during October.



Mike Moninger (left) completes 15 years of service this month. Rounding out five years each are: Kevin Murphy, Peggy Creaden, Baba Marrero, Bev Still, and Mike Lockwood. Happy anniversary!

CONGRATULATIONS!

DONALD PARKER (Procurement) has completed the requirements for certification as a Certified Purchasing Manager by the National Association of Purchasing Management. The achievement entailed about 2 years of effort, including passing four tests, credits for past education, continuing education, experience, and contributing to the profession.

GAIL JONGBLOED (SPS) and her husband Kevin welcome their daughter, Heather Michelle, on September 23. Heather weighed in at 7 lb. 10 oz.

GARY FULLER (CADDS) and his wife Wendy are the proud parents of Jennifer Lee, born on October 3. She was 8 lb. 1 oz. at birth.

MEN'S SOFTBALL TEAM OFF TO A GOOD START

The Fairchild Weston Men's Softball Team has started the Fall season in good shape, with four wins and two losses as PULSE goes to press. The team's schedule is posted at bulletin boards.

Team members are: Lee Bakst, Mike Bloczynski, Todd Brandehoff, Wayne Brinton, Dave Buckwalter, Bill Burchette, Tom Greinke, Dave Hart, Ray Joseph, Rick Karow, Rob McLendon, Rick Mitchell, Pat Parrish (Player/Coach), Jim Robinson, Robin Speidel, Bruce Templeton, Dan Toler, and Joe Yeager.