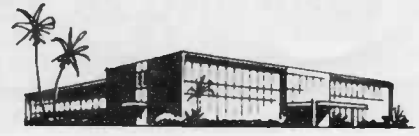


PULSE



SANGAMO WESTON
Schlumberger

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

NEWS ABOUT SANGAMO WESTON, SARASOTA

VOL IV, NO. 6

CELEBRATING 25 YEARS IN SARASOTA

JUNE, 1982

IRA PLAN NOW AVAILABLE VIA PAYROLL DEDUCTIONS

Employees are now able to set up Individual Retirement Accounts through payroll deductions, effective July 1, 1982, according to an announcement by General Manager Kent Morgan.

The Company has arranged with Dreyfus Service Corporation to offer employees the convenience of payroll deductions if employees wish to start an IRA through Dreyfus Funds. The minimum annual contribution, via payroll deductions, is \$500. The maximum annual contribution is \$2000 per employee. Payroll deductions are for employees only.

The tax advantages of IRA's have been widely acclaimed as an excellent means of saving toward retirement while receiving a considerable income tax benefit.

Employees who wish information about the Dreyfus IRA payroll deduction program may receive literature about the plan through Personnel. Other IRA plans are offered through banks, insurance companies, brokers and other financial mutual funds. All employees are urged to compare the various plans and evaluate whether an IRA plan is right for you and your family's financial future.

CONGRATULATIONS TO A NEW CITIZEN

Philip J. Decker, Design Engineer in Data Recorders Engineering, became a U.S.A. naturalized citizen on May 28. The ceremony took place in Tampa.

Phil, a native of Chile, joined our company in November, 1978. He received his BSEE degree from the University of Cincinnati in 1975. He is currently enrolled at USF and working toward his Master's degree in Business Administration.

"I am looking forward to voting in the next elections," Phil said. "I wish more Americans would appreciate what a privilege it is to be able to vote in regular, free elections."



*"PROCLAIM LIBERTY THROUGHOUT
ALL THE LAND UNTO ALL THE IN-
HABITANTS THEREOF."*

An Equal Opportunity Employer M/F/H/V

INDUSTRIAL SYSTEM SHIPPED TO MASSACHUSETTS TRANSIT

Our Industrial Systems group has shipped a new Supervisory Control System to the Massachusetts Bay Transit Authority for use in monitoring and controlling power distribution for the Boston area transit system.

MBTA will utilize our system's Master Station at the Main Control Center and place the six remote terminal units at various substations through the city. This new system now joins earlier equipments our Industrial Systems group has delivered to the MBTA, and will serve the subway and trolley system for the Boston area.

Project Engineer Hal Roberts and Project Technician Dick Van Deusen have the responsibility for the MBTA system's successful completion and installation.



Dick Van Deusen with Master Station of new Supervisory Control System for Massachusetts Bay Transit Authority. At left is one of the six remote units in this system.

IN MEMORIAM

Mr. Adelbert C. Plautz, General Manager of the Fairchild Aviation Recorders facility in Los Angeles, died on May 22. Bert completed 20 years of service with our company on April 24. He is survived by his wife, Lucille, and by a son Jeffry and daughter Dana, and a brother. Bert will be missed by his many friends and associates.

CELEBRATING 25 YEARS IN SARASOTA -- A PICTORIAL REVIEW

It was June 25, 1957, and a small group of employees of an electronics company known as Electro-Mechanical Research occupied a brand new Production Building -- the first building erected at the company's 90-acre site in Fruitville at the corner of Fruitville and Packinghouse Roads.

That first Production Building was a big 45,000 square feet. Today our facility has grown to almost 300,000 square feet under roof in Sarasota.



The Production Building, shown here under construction, was occupied in June, 1957.

In 1982 we are saluting the "Sarasota Pioneers" who joined us a quarter of a century ago. We currently have 35 active Quarter Century employees who joined us in 1957, plus an additional group of 12 employees who have been with our company for even longer than 25 years.



Inside the new Production Building, back in 1957

After our first Production Building was occupied in 1957, plans were announced for construction of a second building of 30,000 sq. ft. The two-story T-shaped Administration Building was completed October 1, 1958, and originally housed our Engineering, Accounting, Personnel, Sales and Administrative personnel.

By August, 1959, a large addition to the west end of the Production Building was begun to accommodate EMR's expansion into the metalworking field. Early in 1960 the addition was ready for use by the Fabrication Department, which included Machine Shop, Sheet Metal Shop and Plating.

In December, 1959, construction started on the L-2 (Lab-2) building. Early occupants of the building were Systems Engineering, and the proposal writing group. Later the cafeteria and other service functions were located there.



Our current facility.

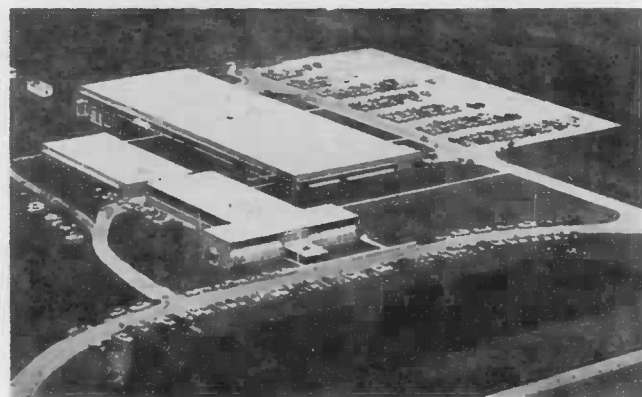
25 YEARS IN SARASOTA --



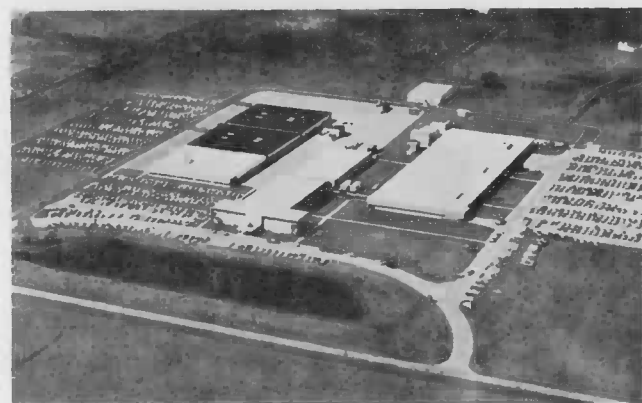
By October, 1958, the new Administration Building was ready.

Next the three segments of the huge "S" (for Systems) building (S-1, S-2, S-3) were built in rapid-fire order starting in August, 1962, and completed in early 1963. Engineering and our sister group, Fairchild Weston Systems, now occupy that building.

In 1978-79 a major expansion and improvement program took place. We added 90,000 square feet of space by roofing over the open spaces between the four separate buildings to form one huge complex. The renovations were completed in time for our Family Open House on March 25, 1979.



A large addition to the Production Building was completed in early 1960, and the L-2 Building was built



By 1963 the "S" building was completed to house Engineering and Systems.

WAY TO GO, RECORDERS !

Our Aviation Recorders group has received notification that our Digital Flight Recorder Model F800 has been certified by Boeing for installation on the Boeing 737 aircraft. Piedmont Airlines will be the first customer to receive our DFR on their new 737 aircraft.

Republic Airlines has also received FAA certification for the DFR Model F800 on their Convair and DC-9 aircraft. Republic is also currently performing certification tests on their 727 aircraft.

Certification is required by the FAA before recorders can be installed on passenger-carrying aircraft.

The Aviation Recorders group also received an order for quantities of Production units of our Cockpit Voice Recorders from Lockheed Aircraft Service Company, of Ontario, Calif., for retrofit installation on U.S. Air Force C-130 and C-141 aircraft. The order calls for nearly 200 systems, plus spares.

QUALITY CIRCLES GETS ADVISORY COMMITTEE ; TRAINING SESSIONS SET

Two significant steps in the implementation of our Quality Circles program are currently taking place.

A Quality Circles Advisory Committee has been formed and has begun meeting. The group will set specific goals and objectives for the Quality Circles, establish operating guidelines, control the rate of Circles introduction, and assure management support.

The Advisory Committee is currently made up of Kent Morgan, Gray Cozart, Bob Wallace, Richard Veigel, Roy Hollifield, Mike Gerack, Dave Clouse, Ray McPartlin and Dexter Nash.

During July, there will be a series of Quality Circles workshops. The Management Workshop will take place on July 14 and 15 and the Quality Circles Workshop for future Circle Leaders will be conducted July 27, 28 and 29.

Quality Circles Facilitator Dexter Nash explains that the workshops will include sessions on how to conduct Circle meetings, group dynamics, how to assist the Circle in problem-solving, and how to encourage total participation by all members.

"Getting everyone involved is one of the keys to success in Quality Circles," Dexter Nash said. "We are just a few weeks away from establishing our first Quality Circles at Data Systems Division."

DIPLOMAS AWARDED TO NEW GRADUATES



STEVEN BAKER

LINDA BARON

RANDY BOYD

DEBORA BRINTON

ELIZABETH BROWN

KATHY CLOUSE

RONALD

STEVEN BAKER, husband of Paula Baker (Fairchild Weston Sales, Sarasota), completed the requirements for his Bachelor's degree in Education at the University of South Florida in April. He is attending graduate courses at USF, Sarasota, and hopes to be teaching in an area high school this Fall.

LINDA S. BARON, daughter of Stan Baron (SWS Test), was graduated from Riverview High School on June 3. Linda plans to attend the University of Florida, Gainesville, majoring in accounting and business.

RANDY BOYD, son of Judy Boyd (Systems Assembly), received his diploma at Sarasota High's commencement on June 5. Randy plans to study law enforcement at Manatee Junior College.

DEBORA LYNN BRINTON, daughter of L. Wayne Brinton (SWS Assembly), was graduated from Bayshore High School on June 8. She will attend Manatee Junior College to take the Flight Attendant course and study languages.

ELIZABETH BROWN, daughter of Jon Brown (Telemetry Systems), was a member of the Riverview graduating class, and plans to attend Manatee Junior College as an accounting major.

KATHY CLOUSE, daughter of Dave Clouse of Manufacturing, received her high school diploma at Cardinal Mooney High's commencement on May 28. She plans to attend MJC for commercial pilot studies, and has been awarded a Selby Scholarship.

LINDA CREECH, wife of Steve Creech (SWS Assembly), received her Associate in Science degree in Preschool Education from St. Petersburg Junior College, Clearwater campus, in May.

RONALD LEE ERVAY, son of Shirley Cheaney (SWS Harness), was graduated from Horseheads High, Horseheads, N.Y., on June 19. Ron will be attending Corning Community College, Corning, N.Y.

RANDALL D. FOSTER, son of Larry Foster (Quality Assurance), received his Bachelor of Science degree in Electrical Engineering from the University of Florida on June 18. He joins Stromberg Carlson as an Associate Engineer in July.

RICHARD FREEBERG, son of Chris Freeberg (Industrial Systems Engineering), was a member of the Riverview High graduating class this month. He will be going to the University of Florida, Gainesville.

DORESE KATHLEEN GANDY, daughter of Mary Gandy (Harness Dept), was a member of the graduating class at Booker High on June 2. Dorese is getting married this month and plans to go on to college.

SHEILA HOWARD, daughter of Claude Howard (Final Q.C.), received her high school diploma with the other Riverview graduates this month. Sheila plans to attend the Ringling School of Art.

TERRI JONES, daughter of Chuck Jones (Aviation Recorders Engineering), was graduated from Riverview High on June 3. Terri will be going to David Lipscomb College, Nashville, Tennessee.

CURTIS LEONARD, son of Adam Leonard (Industrial Systems R & D), received his diploma at Riverview High's commencement on June 3. Curt was one of the two Riverview High valedictorians, and will be attending Florida State University, Tallahassee.



MICHELE MCCARTHY

JEAN MCGOWAN

DEREK PARKER

DONALD PARKER

MARIAN POWELL

JAMES ROBERTS

ROBERTA

CONGRATULATIONS, GRADUATES -- WE'RE PROUD OF YOU!



D. ERVAY RANDALL FOSTER RICHARD FREEBERG DORESE GANDY

SHEILA HOWARD TERRI JONES CURTISS LEONARD

MICHELE McCARTHY, daughter of Tom McCarthy (Data Recorders Engineering), was awarded a Bachelor of Science degree in Elementary Education by Florida State University in Tallahassee on May 1. Michele plans a teaching career.

JEAN McGOWAN, daughter of Francis McGowan (Data Recorders Engineering), was a member of the graduating class of St. John's Hospital School of Nursing, Springfield, Missouri, on May 20. Jean will enter Southern Missouri College at Springfield for further nursing courses.

DEREK R. PARKER, son of Don Parker (Procurement), is a member of the June graduating class at Sarasota High School. Derek expects to attend Sarasota Vo-Tech to learn the welding trade.

DONALD N. PARKER, II, son of Don Parker (Procurement), received his Associate's degree from Manatee Junior College in May. He plans to continue his education at Southern Methodist College in Missouri, where he will study music.

MARIAN POWELL, daughter of Darrell Powell (Industrial Systems Drafting), was graduated from Southeast High School, Bradenton, on June 8. Marian has received several scholarship awards. She will attend Manatee Junior College and then plans to go to the University of South Florida to work toward teaching English and drama at the college level.

JAMES W. ROBERTS, son of Don Roberts (Industrial Systems Field Service), was graduated from Bayshore High, Bradenton, on June 8. He plans to attend MJC and Florida State University, majoring in criminology.

ROBERTA J. SACCUZZO, daughter of Ruth Saccuzzo (Standard Products Assembly), earned her Master of Education degree in Curriculum and Instruction from the University of South Florida in May. Roberta teaches at Lincoln Middle School in Palmetto.

ANN CARTER SAYRE, daughter of Robert E. Sayre (Sales, Wheaton, Md.), received her BA degree in Education from Virginia Polytechnic Institute and State University, Blacksburg, VA, on June 12. Ann plans to be an elementary school teacher in Virginia.

BRUCE E. STEWART, son of Joel Stewart (Quality Assurance), was a member of the Riverview High graduating class this month. Bruce will attend Manatee Junior College, majoring in Computer Science.

NANCY STONE, daughter of Van Stone (Methods Engineering), received her high school diploma at Sarasota High's commencement on June 5. She will pursue a secretarial career.

DARRYL PAUL SUPPLE, son of Vincent Supple (Training), was graduated from Riverview High on June 3. He plans to attend Manatee Junior College.

KRISTI THURMOND, daughter of James E. Thurmond (Export), was a Riverview graduate this month. She plans to attend college in the near future.

MAURICE J. ULFERS, son of Stuart Ulfers (Fairchild Weston, Sarasota), earned his Bachelor of Science degree in Civil Engineering this month from the University of Minnesota.



SACCUZZO ANN SAYRE BRUCE STEWART NANCY STONE DARRYL SUPPLE KRISTI THURMOND MAURICE ULFERS

ANNIVERSARY GREETINGS

Congratulations to the employees observing major service anniversaries during June.



Happy anniversary to : George Prozzo (25 years), Dave Walker and Larry Wells (20 years), Carrol Cissel (15 years), Ivan Lazarus and Mike Smith (5 years).



Steve Vickers, of Fairchild Weston Field Service in Lancaster, Calif., marks his fifth service anniversary this month.



A R-E-A-L FISH STORY!

Mike Gerack, of Fab Inspection, is a avid fisherman and usually heads for Wisconsin each summer for some fishing action and in hopes of landing a big muskie. Mike did a fast double-take recently as he passed one of our bulletin boards and saw a large picture of Wayne Palmer who had hooked into a 52-inch, 42-pound fighting muskie at Milwaukee's Pewaukee Lake.

"Wayne Palmer and I have been friends for years, and he had sent me the newspaper clipping showing his big catch," Mike said. The photo was circulated through Illustrated Current News service, and was one of the news photos posted on our bulletin boards at Data Systems Division. Mike will be taking extra copies of the big photo to Wisconsin when he vacations there next month.

Be sure to bring back pictures of YOUR catch, Mike!

EMPLOYEE GUIDE ISSUED -- HAVE YOU READ IT?

This little book may not make the list of "Best Sellers" but it has some mighty good stuff in it!

What book? Our revised Employee Guide which was distributed to all Data Systems' Division employees this month.

The handy Employee Guide gives you updates on some of your valuable benefits, as well as other things you need to know. For example, the revised Employee Guide contains items about:

- ★ Improved insurance benefits
- ★ Our new Dental Assistance Plan
- ★ Long Term Disability coverage, Insured Disability Plan, and Supplemental Income Aid Plan
- ★ Conrad & Marcel Schlumberger Scholarships for sons and daughters of employees.
- ★ Expanded Bereavement benefits, covering paid time off for death in your family.
- ★ A reminder to check in with the Nurse before returning to work, when you have been out sick for three days or more.
- ★ Safety Rules
- ★ Other benefits, including Pension, Growth Plan, Vacations, Holidays, Educational Assistance, etc.

If you have further questions after reading your Employee Guide, please feel free to check with your Supervisor or the Personnel Department for the clarification you need.



BIG WINNERS

Jim Huffman, of our Metal Fab Shop, and Angelo (Lefty) Jais, of Harness, were members of the bowling team that won third place in the "Tournament of Champions" at Rip Van Winkle Lanes on May 30. They split the \$500 prize among the five team members. Out of 177 teams participating, their team placed third with a three-game handicap total of 3286. Just one pin separated the second and third-place teams. The first and second-place teams walked away with \$2000 and \$1000, respectively.

IT WAS A BIG JOB!

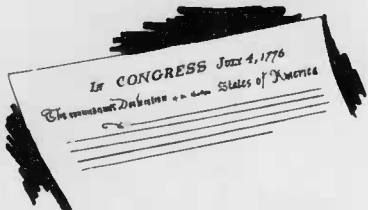
The complete physical inventory of components, parts and finished goods which took place May 24-28 was a tremendous job which entailed over 150 "man-weeks" of effort to count, write, and cost our approximately 27,000 inventory tickets.

Volunteers from throughout the plant assisted in the operation, and more than 130 employees were actively at work on the count. Preparations for the inventory, and the subsequent summary and analysis, required the additional attention of many employees in our Accounting, Data Processing, Materials and Stock areas.

The scope of the Inventory included: 051 Controlled Stock, 059 Material Review Board; 055 Outside Purchased Equipment, and 071/072 Finished Goods. These were counted 100% -- rather than the "sampling" technique used in the past.

This inventory establishes a good basis and benchmark for future physical inventories at Data Systems. It gives the company better figures for the value of our inventory, and the cost of doing business. It also improves accuracy for our AMAPS materials system which enables our Manufacturing planners to order the right number of parts at the right time.

A big "thank you" to everyone who took part in this undertaking.



INDEPENDENCE DAY A DAY TO REMEMBER



HAVE A SAFE AND HAPPY FOURTH OF JULY

NEW TELEMETRY SYSTEM SHIPPED TO GERMANY

A new telemetry-computer system has been shipped to Germany this month to be used in testing a new digital system for controlled airport landings. The system is valued at \$500,000.

Mr. Peter Schulz, a representative of our customer, DFVLR, of Braunschweig, West Germany, was in Sarasota this month to witness the Sarasota acceptance tests. In August Herb Larrabee and Bill Cox will travel to Germany for installation and final acceptance tests of this system.

"This is the second sizeable system to be delivered to the same customer in Germany this year," reports Bud Thurmond, of Export.

The most recent system includes some specially-designed boxes. One is called a Stream Synchronizer, and combines three EXPRT data streams into a single stream. Curt Dyke and Bill Cox worked on the design of this box. A second custom-designed box is a Digital-to-Analog Converter -- a modified, low-cost version of the Model 713.

The specially-designed software for this system includes a Current Value Table and Fortran Interface, according to Herb Larrabee, Software Project Engineer for the system.



CELEBRATING TWENTY-FIVE YEARS IN SARASOTA IN 1982.



YOU KNOW YOU ARE GETTING OLDER WHEN . . .

From time to time we all see little essays about life and human foibles. One currently making the rounds is "How to know you are growing older." Here are some excerpts:

- Your little black book contains only names ending in M. D.
- You look forward to a dull evening.
- A fortune teller offers to read your face.
- Your favorite part of the newspaper is "20 Years Ago Today."
- You turn out the lights for economic rather than romantic reasons.

Now how about some contributions from readers about staying young?

A VISIT TO OUR SOFTWARE SERVICES GROUP

Introducing the employees in our Fairchild Weston Software Services Group out in Lancaster, California, and in Wheaton, Md.

The Software Services Group provides our customers with a variety of services, such as familiarizing and augmenting our company-supplied software, and designing and implementing original computer programs that are unique to the individual customer's requirements.

Our Software Services employees assist Salesmen with presentations to customers to explain what our software can do for the customer's specific needs. The Software Services Group also assists the hardware service group to isolate system-wide problems.

The employees in Software Services travel extensively. They are based in Lancaster, Calif., and in Wheaton, Md., and each office has its own PDP 11/34 computer system. Software Services employees work at customer's sites, on the customer's computer, and also employ portable "remote terminals" to communicate with our own and the customers' computers via telephone lines.

As the demand for more analytical software continues to grow, the Software Services Group can expect to expand as well.



Roland Olson, head of our Fairchild Weston Software Services Group, travels to all areas to promote business and help with a variety of one-time problems for our customers.



David Rice covers the West Coast, including China Lake Naval Weapons Center and Edwards Air Force Base, for the Software Systems Group.



Art Hallett covers the East Coast for our Software Services Group, working out of our Wheaton, Md., office.



Donna Heidkamp does specialized Software Services work in the Lancaster Office.



Dick Strong is our VAX/RDAPS Software Systems man. He is currently with the RDAPS vans at Edwards Air Force Base.