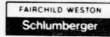




**FAIRCHILD WESTON  
SYSTEMS INC.**



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

VOL. VIII, NO. 8

AUGUST, 1986

## EMPLOYEE ASSISTANCE PROGRAM SCHEDULED TO BEGIN SEPT. 2

A new Data Systems Division employee benefit, called the Employee Assistance Program, will begin effective September 2, offering employees and their families counseling services for personal problems on a confidential basis.

The Employee Assistance Program (EAP) is designed to help employees and their family members when serious problems occur which can affect the employee's well being and the employee's ability to perform his or her job duties. These problems may be related to marriage and family difficulties, alcohol or drug abuse, personal concerns, or financial or legal problems.

"The company is investing in an Employee Assistance Program to benefit employees, their families and our

(Cont'd on Page 2)

## INTRODUCING YOUR EMPLOYEE ASSISTANCE PROGRAM COUNSELORS

Employees who may be interested in using the services of our new Employee Assistance Program will phone 953-1240.

Effective September 2, 1986, the Counselors at EAP Sarasota will be available to respond to your needs -- by phone or through referrals, by setting up appointments for consultations at our facility on Tuesday mornings, or by scheduling appointments for consultations at other times at the EAP Sarasota office at 1838 Waldemere Street.

The EAP Counselors are:

**KEN KINZIE** - Director of EAP Sarasota

*Ken Kinzie holds a Master's Degree in Clinical Social Work from Tulane University. He has six years of experience as an EAP Director and Counselor, and ten years of experience in substance abuse counseling, and stress-related illnesses. Ken is licensed as a Clinical Social Worker in the State of Florida.*

**HOLLY BURCENSKI**, Counselor, EAP Sarasota

*Holly Burcenski is a Registered Nurse and has a Bachelor of Science Degree in Nursing. She also has done graduate work toward a Master's Degree in Psychiatric Nursing, and is a Certified Addictions Counselor. Holly was an Employee*

## DATA SYSTEMS TO BUILD POWER SUPPLIES FOR ESD

A significant quantity of power supplies will be assembled and tested at Data Systems Division in Sarasota, in cooperation with our sister Division, Electronic Systems Division of Fairchild Weston Systems, Inc., Syosset, N.Y. The program will add over \$2,000,000 to our sales volume in Sarasota.

The contract calls for Data Systems Division to assemble and test over 100 Receiver Power Supplies and nearly 100 Transmitter Power Supplies for the Syosset group's prime contract with the U.S. Army for AN/TLQ-17A communications jamming equipment.

This is a high reliability system and will require Data Systems Division's Quality Assurance to train Operators

(Cont'd on Page 2)

*Assistance Program Coordinator at Silver Cross Hospital in Joliet, Illinois, prior to moving to Sarasota this year. She has five years of experience in substance abuse counseling and two years of experience in the EAP field.*



*Ken Kinzie and Holly Burcenski (standing) discussed counseling services with Occupational Health Nurse Debbie Graham, seated at right. Our Employee Assistance Program (EAP) is designed to be of service to employees on a completely confidential basis.*

**AN EQUAL OPPORTUNITY EMPLOYER M/F/H/V**

## NEW MODEL 8385 STATIONS DELIVERED TO EGLIN AFB

One of our newest products -- the Model 8385 Display Station, with a new software package, and telemetry front end -- was shipped to Eglin Air Force Base, Fort Walton Beach, Fla., in July. This shipment is the second similar system delivered to Eglin recently.

The Model 8385 Display Station consists of a Micro-VAX computer, a color CRT terminal, and is combined with the 8000-series telemetry front end. The new standard software package features parallel load on the Model 8340 Pre-Processor, and has decreased the loading time for the whole system from ten minutes to approximately three minutes.

Sue Sutherland was Project Manager for the Eglin system. Other members of the system team were: Bharat Parkhani, Hardware Engineer; Beth Putnam and Roger Mort, Software Engineers; Gary Snyder and Don Worthington, Technicians on the project.

Work is currently underway on several additional Model 8385 Display Station orders for other customers.

## EMPLOYEE ASSISTANCE PROGRAM SCHEDULED TO BEGIN SEPT. 2

(Cont'd from Page 1)

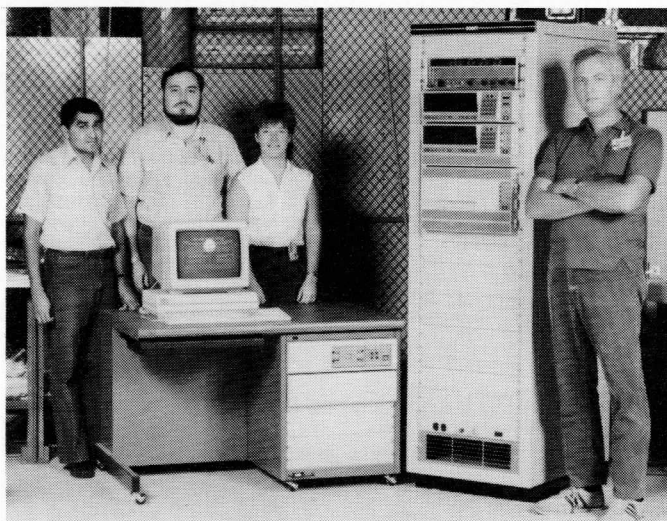
business," said Personnel Director Rick Greenawalt. "The program is based on strict confidentiality for the individuals. To protect your privacy, an employee will be able to call the EAP agency directly. Employees can set up appointments for counseling, and then proceed with referral for treatment or further counseling, with complete privacy," Rick pointed out.

The outside agency which will be handling employee calls, counseling and referrals is known as EAP SARASOTA, a component of Sarasota Memorial Hospital. Up to three visits to the Employee Assistance Program agency will be paid for by the company, at no cost to employees. Subsequent treatment and counseling -- if necessary -- comes under the provisions of our employee benefits program and group health insurance plan.

THE NUMBER TO CALL IS 953-1240, 24 hours a day. An EAP Sarasota Counselor -- either Ken Kinzie or Holly Burcenski -- will also be available at our facility (Room 103) on Tuesday mornings, from 8a.m. to 1p.m., for consultations by appointment. The telephone extension for the EAP Office in our plant is Ext. 5518, on Tuesday mornings only.

"Employee Assistance Programs are gaining acceptance in many industries," Rick Greenawalt stated. "Even beyond the help that an EAP can offer to individual employees and their families, there is increasing evidence that our business can benefit through improved job performance, less absenteeism, and lower medical costs over a period of time.

"However, the most important aspect of an Employee Assistance Program is the benefit an EAP can provide to individual employees and their families when families are experiencing serious problems."



*Bharat Parkhani, Don Worthington, Beth Putnam, and Gary Snyder are pictured with our new Model 8385 Display Station which was shipped to Eglin Air Force Base in July.*

## R. J. KELLER ELECTED TO SARASOTA CHAMBER

General Manager R. J. Keller has been elected to the Board of Directors of the Sarasota Chamber of Commerce. He fills the unexpired term of Robert O. Smedley, Jr., who resigned due to relocation to another community. Mr. Keller's term on the Board runs through December, 1987.

## DATA SYSTEMS TO BUILD POWER SUPPLIES FOR ESD

(Cont'd from Page 1)

and Technicians in special assembly and soldering methods. New vibration equipment is on order to meet the requirements, and the job is expected to provide over 25,000 hours of work in Production assembly and test.

"We will receive all component parts from Syosset and assemble and test to Syosset drawings and specifications," Program Manager Frank Bloechl pointed out. Art Acosta is Project Engineer for the program.

Delivery of the units will start in December of this year, and we are scheduled to deliver two each of the transmitter and receiver power supplies weekly.

R. J. Keller heads the Communications Systems Group, which incorporates the Electronic Systems Division, Syosset, and Data Systems Division, Sarasota. Frank Ernandes is General Manager of the Electronic Systems Division, and reports to Joe Keller.

The Electronic Systems Division deals primarily in communications jamming equipment, with special technical strength in high-powered RF jamming systems. The communications jamming equipment consists of radio receivers and transmitters. The intercepted signals are processed to determine what is there, and the operator then uses this information to attempt to jam the signal.

## AN/USH-32 RECORDER PASSES IN-HOUSE TEST PROGRAM

Data Systems Division has successfully met the requirements to build the U.S. Navy's AN/USH-32 Acoustic Data Recorders, and has become qualified to be a supplier of these machines for the next three years.

Program Manager Ray Shuford praised the effort put forth by all employees involved in the AN/USH-32 Recorder program. "Everybody did an extraordinary job and beat the deadline by two days. We proved that we can manufacture this machine -- from scratch -- in just over a year," Ray Shuford said.

In 1985 the U.S. Navy awarded Data Systems Division a contract to build Acoustic Data Recorders for the Navy's Anti-Submarine Warfare program. The Recorder was originally designed and built for the Navy by Bell and Howell. The first phase of our program -- valued at \$700,000 -- calls for complete verification of an existing machine, provided by the Navy, and building the first unit which has to be subjected to extreme environmental and performance testing.

"We have now completed the preliminary first article tests, including Reliability Assurance Testing and Production Inspection Testing," Ray Shuford explains. "This has proved that we have the processes and capabilities to build the AN/USH-32 -- a high reliability, Mil Spec machine with extremely low noise characteristics."

The most recently completed phase of in-house testing was Interchangeability, which meant taking the parts from our machine and assuring that they are interchangeable with the Government-furnished AN/USH-32 machine. The Navy wants to ensure full interchangeability with Fleet equipment.

With the completion of the in-house tests, our AN/USH-32 machine will undergo full environmental and EMI/RFI testing at other locations, such as California and New York. The first article testing program should be completed in January. (EMI stands for Electro-Magnetic Interference and RFI stands for Radio Frequency Interference.)

"Once again, I'd like to compliment the many employees who worked together to overcome numerous difficulties and comply with the strict Mil Spec requirements for this program. Everyone really did a terrific job," Ray said.

## VANDER VLIET COMPLETES 50-MILE MIAMI MARATHON

Ron Vander Vliet, of SPS, finished 18th overall in the Tropical 50-Mile Road Race Florida State Championship in Miami on August 16. Ron completed the ultra marathon in 10 hours, 28 minutes. A total of 67 runners competed in this event.

Ron started his fitness and running program in 1981. He participates in all of the local area runs and travels around Florida and out of the state for major running events.



*Pictured with AN/USH-32 Acoustic Data Recorder, produced in Sarasota, are Bob Moore and Gail Salter, of Systems Assembly; Evelyn White, of Data Recorders Assembly; Test Technician W. L. "Cat" Holmes; Don Cupicha, of Quality Assurance; and Mark Smith, Electronic Engineer, of Naval Air Development Center, Warminster, Pa.*

## HAPPINESS HOUSE CLIENTS ASSIST ON CONTRACT WORK

Data Systems Division has contracted with Easter Seals Happiness House Rehabilitation Center of Sarasota for contract work in small component packaging and outside grounds clean-up.

"For the last 40 years, Easter Seals has continued to help the disabled achieve more independence in their lifestyle, and contracts such as this provide hands-on therapy and personal achievement, as well as assisting the business community," said Dr. Jude Rabideau, Ph. D., Happiness House Director.

Effective in September our Facilities Department has contracted with Happiness House for regular outside grounds clean-up of the grassy area immediately around the plant -- an area of about four acres.

Commenting on the outside clean-up work, one Easter Seal client said, "It's so great to be outside helping the world look beautiful."

The small component packaging is an on-going project assisting our Stock Room, and over 4000 pieces have been delivered to our facility in recent months. About 20 Happiness House clients have been participating. The outside clean-up contract will involve about five adult clients of Happiness House.

**BENEFIT IMPROVEMENT**

**PENSION ADJUSTMENT WILL BENEFIT MANY EMPLOYEES**

A major adjustment in pension benefits for current active employees of Data Systems Division was announced this month. The improvement is effective January 1, 1986, for active employees who are participants in the Data Systems Division Pension Plan, and applies to active U.S. employees in "career average" pension plans, such as ours.

This pension plan adjustment increases past service pension benefits for active Data Systems Division employees as follows:

BENEFITS ACCRUED	INCREASED BY
To 12/31/83	25.97%
In 1984	16.64%
In 1985	8.00%

"We are delighted that Schlumberger management has authorized this pension update for employees," said Rick Greenawalt, Director of Personnel. "This is another positive demonstration of the company's continuing attention to improving the pension plan and other benefits for employees."

The Data Systems Division pension benefit is entirely funded by the company, at no cost to employees. Employees do not contribute to our pension plan.

Most long-time employees will gain significantly through this past service update. Active Data Systems Division employees who are participants in the pension plan in 1986, or who elected to retire during the year 1986, are eligible for this pension adjustment. Individual, personalized statements showing the new adjustment were distributed to employees during August.

In addition to the current pension plan update, other major improvements in the pension plan were announced in 1984 for active Data Systems Division employees. At that time our pension plan converted to a career average plan, and the following improvements and changes were made:

**SUMMARY OF 1984 PENSION PLAN CHANGES**

- \*TYPE OF PENSION PLAN - changed from final pay plan to a career average plan; eliminated 30-year maximum of pensionable service. Pensionable service calculated to age 65; maximum pensionable service is 40 years.
- \* RULE OF 85 - no deduction for early retirement when age plus service equals 85. Minimum age of 55 required.
- \* EARLY RETIREMENT - increase of percentage of pension benefit payable for early retirement (ages 55-64) for employees not meeting rule of 85.
- \* PENSION FORMULA - starting 1/1/84, an active participant's pension calculation will be based on the career average formula of 1.2% of the first \$12,000 of pension admissible salary earned, and 1.7% of pension admissible salary over \$12,000.
- \* PRE-RETIREMENT DEATH BENEFIT FOR SPOUSE - If you should die while actively employed by the company, and you are vested in the Pension Plan, the Plan provides for a pension benefit to your surviving spouse.
- \* PENSION ADMISSIBLE SALARY - changed to base salary, plus any commissions, and no overtime.

**Picnic!**

**IT'S COMING -- THE GREAT DATA SYSTEMS DIVISION PICNIC!**

**OCTOBER 18, 1986  
ELKS PARK**

**Please save the date!**



**SCHOOL'S OPEN -- PLEASE DRIVE WITH GREAT CARE !**

**TWO IMPORTANT BENEFITS**

**PENSION PLAN & SAVINGS PLAN -- A CONVENIENT SUMMARY**

Two of our most important employee benefits are the Data Systems Pension Plan and the Data Systems Savings Plan. These benefits plans are separate and distinct, but are sometimes confused by employees. The confusion is natural because the two plans ultimately are designed, in conjunction with Social Security, to replace the greater part of your regular income upon retirement.

Listed here are some of the key features of each of the two benefits:

	<b>DATA SYSTEMS PENSION PLAN</b>	<b>DATA SYSTEMS SAVINGS PLAN 401(K) PLAN</b>
<b>CENTRAL PURPOSE</b>	Retirement & Survivor Income	Savings & Retirement Income Income Tax Deferral
<b>FUNDED BY</b>	Entirely by Division 1.2% of first \$12,000 & 1.7% of remaining admissible salary Contributed by Division annually	Division contributes 1% of salary plus 25¢ to \$1.00 for each dollar employee contributes (up to 6%).  Employee may contribute 1% to 10%, which also reduces taxable salary.
<b>INVESTMENT OPTIONS</b>	Managed by a Bank Trustee	Individual selection of FUND A - Fixed Income Fund FUND B - Diversified Stock Fund FUND C - Schlumberger Stock
<b>VESTING SCHEDULE</b>	Fully vested after 10 years of service	One-third vested after 4 years of service Two-thirds vested after 5 years of service Fully vested after 6 years of service
<b>PAYABLE AT</b>	Full Pension at age 65 Reduced pension for early retirement after age 55.	After an employee retires, dies, or terminates employment.
<b>OTHER</b>	Rule of 85 - full pension after age 55 when combined years of service and age equals 85.  Several options available to receive payment.	Employee may borrow against the 401(k) account at the Prime Rate and repay his or her account.  Several options available to receive payment. Employee may also have post-tax monies in earlier Growth Plan.

## TGIF CREW -- THE GREAT INDUSTRIOUS FACILITIES CREW

Members of our Maintenance Department Employees Involvement Team have adopted the name "TGIF Crew" -- which stands for The Great Industrious Facilities Crew.

ED CHRISTIAN (husband of Evelyn Christian, of Printed Wiring Assembly) enjoys playing softball and basketball, and greyhound racing. He also likes cooking out for his family on the barbeque grill he built recently.

KAY COLE has been with us for 17 years. When she's not at work she can be found cheering on her son who races stock cars and will compete in New York for the world title. Kay and her husband are proud of their four sons and four granddaughters.

ROB CRAWLEY likes boating, fishing and hunting. He recently got to enjoy these hobbies on an extended trip to Arizona, New Mexico, Utah and the Florida Keys. Rob has been with our company for nine years.

DAN KONIECZKA has been with us for nine years. He has three children and enjoys woodworking. He has made hutches, end tables, and dressers. Along with Mike Matthews he will soon be returning to school at Vo-Tech.

RICK LAUFER is the newest member of our Maintenance Department, having joined us as Supervisor of Facilities. Rick enjoys active sports like tennis and biking, and the beaches.

MIKE MACE has been with our company for a total of nine years. He says work is his hobby since he likes to fix up old boats and cars. For relaxation he enjoys fishing.



*The Great Industrious Facilities Crew: seated, Kay Cole, Rick Laufer, Joe Smith, Ed Christian. Standing, Rob Crawley, Dan Konieczka, Mike Matthews, Dave Richards, Mike Mace, Harry Yates.*

MIKE MATTHEWS plays left field for our Softball Team. He also enjoys hunting, fishing and camping. Mike will be starting school at Vo-Tech to study electrical wiring.

DAVID RICHARDS' hobbies include golf and water sports. He particularly likes surfing.

JOE SMITH says he's "the quiet one" of the group. Joe has been part of Data Systems Division for 29 years, and enjoys gardening in his spare time.

HARRY YATES is looking forward to having his "85 points" in just two more years. Harry can be located out back, taking care of our water treatment facility.

## THE GREAT INDUSTRIOUS FACILITIES CREW CIRCLE TACKLES A MAJOR PROJECT INVOLVING ALL OF US

When the Maintenance Department Employee Circle was looking for a new project several months ago, the members discovered that over 30,000 gallons of water are used at our facility every day. Upon investigation they learned that those thousands of gallons of water were eventually going into the sewer system for proper waste treatment, and that is costing our company thousands of dollars, with no cap in sight.

So The Great Industrious Facilities Crew, known as the TGIF Crew, decided on Water Conservation as their goal.

They brainstormed all of the major sources of water usage in the facility -- primarily the cooling towers, Plating Room, and rest rooms. In their investigations they interviewed people in-house and outside of the plant. They met with vendors to learn more about methods and products for water conservation. They brainstormed possible problems in the rest rooms and in the water treatment process.

They have taken the following steps to help control the flow of water and thereby reduce high costs:

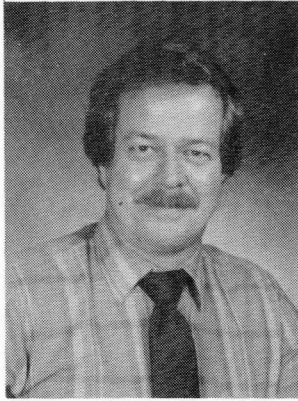
- Installed restrictor valves in the Plating Room to increase the pressure while reducing the amount of water used.
- Fixed or replaced broken or leaky valves in the Plating Room
- Purchased and installed a blow-down valve in the cooling towers which allows a regulated water bleed-off
- Met with water treatment consultants and implemented improvements -- increasing the time between regeneration of deionized water for a saving of 90,000 gallons per month
- Replaced leaky and broken valves and faucets in rest rooms
- Installing water-saving faucets in rest rooms

One of the Circle members noted, "If we hadn't talked about this we wouldn't have known it is a problem. Communication is the key. Maybe if we make all employees aware of the problem they can help contribute to the solution."

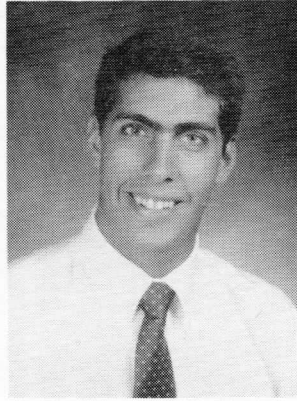
Before long the members of TGIF Crew will be posting signs and sending out memos inviting all employees to participate in the water conservation project and reminding employees that "Together we can make it better."

## WELCOME ABOARD TO OUR NEW FELLOW EMPLOYEES

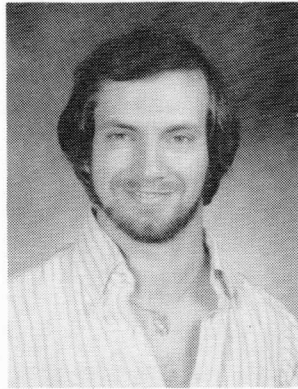
Here are some of our new colleagues who joined us recently. Happy to have you with us, and we hope you will enjoy being part of Data Systems Division. We look forward to working with you as we join forces to meet our Division's goals. Welcome aboard!



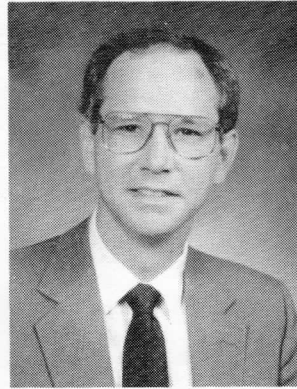
**LARRY R. CREEL**  
Sr. Sci. Programmer  
Telemetry Software Eng.



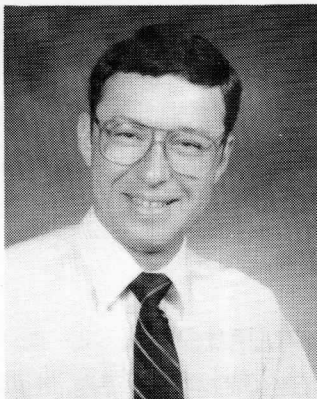
**MICHAEL S. HAVRILLA**  
Assoc. Sci. Programmer  
Telemetry Software Eng.



**TIMOTHY A. PALM**  
Sr. Reliability Engineer  
Reliability Engineering



**TIMOTHY J. TAYLOR**  
Principal Engineer  
Signal Processing



**MICHAEL D. WRIGHT**  
Engineer  
Signal Processing

## TECHNICAL PAPERS PRESENTED

Bill Kessler and Bill Waggener each presented a technical paper at the SPIE's 30th Annual International Technical Symposium on Optical and Optoelectronic Applied Sciences and Engineering which met at San Diego, California, August 18-22.

The technical papers were:

"Data Design Trade-offs for Electro-Optical Reconnaissance Systems," by W. N. Waggener, Sr., Technical Director at Data Systems Division.

"Magnetic Recording for Near Real Time Reconnaissance Applications," by W. D. Kessler, Records Program Marketing.

## VACATION NEWS --

### WHERE DID YOU GO ?

*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.*

### CRUISING TO NASSAU

A group of Data Systems Division vacationers enjoyed a three-day cruise to Nassau aboard the S. S. Britanis August 15-17. The travelers included Cora DiVirgilio, Verna Lee and Dick Frye, Rick Greenawalt, Carmen Ireson, John Kerwin, Dick Kissell, Alyene McCoy, Andrea Perryman, Shirley Terry, Cheri Vandevander, Bill Vernoooy and Carol Waters.

### FAMILY REUNION

FUAD ALI, of Telemetry Systems, and his wife and two youngchildren traveled abroad for a family reunion in Ramallah, on the West Bank of Jordan, in Israel. Fuad's sister and her family from the island of Martinique joined them, along with a cousin and his family from Switzerland. "Everything was very expensive and inflation is a serious problem," Fuad Ali reports. The whole family utilized a bus for a couple of sightseeing trips to a lake and a beach resort, and they visited Jericho, Tel Aviv and Haifa. Fuad's family particularly enjoyed meeting his two youngsters, aged 7 months and 20 months.



### SAFETY AWARENESS PAYS

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



## WIND ENERGY RESEARCH TO USE OUR TELEMETRY

Solar Energy Research Institute (SERI) of Golden, Colorado, has ordered Data Systems Division equipment to be used in wind energy research. The contract is valued at over \$300,000.

SERI is a contractor engaged in wind energy research funded by the U.S. Department of Energy. The contract calls for Data Systems Division to build two wind turbine-mounted 600-series PCM transmitting stations, and a four-stream EXPRT ground station with a display station for use by SERI in collecting data from various types of wind turbines in various locations.

"Data Systems Division provided substantial amounts of equipment to NASA for wind energy research in the late 1970's and early 1980's," Jud Strock, of Applications Engineering said. "This follow-on business is the result of our successful performance on the earlier NASA program."

In addition to Jud, other individuals involved in this contract include Paul Mears, of Sales; Engineers Mike Erdahl and Erwin Lawson; and Rosemary Williams, of Contracts.

## MARTIN MARIETTA ORDERS FIVE TELEMETRY SYSTEMS

Martin Marietta's Denver Aerospace Division has awarded a contract to Data Systems Division to supply five Telemetry Processing Systems, plus associated documentation and training. The contract is valued at \$1.8 million.

These telemetry systems are to be used for checkout and pre-flight testing on a defense missile program. Deliveries are scheduled through April, 1987.

Members of the team include Paul Mears, of Sales; Art Kelley, of Applications Engineering; Walt Knopik, Project Engineer; and Kathy Bossert, Software Project Engineer.

## CONGRATULATIONS!

JAY PRICE (SPS) and Leslie Ann Juron were married on July 4 in a sunset wedding on his family's 36-foot trawler in Big Pass, Sarasota Bay. By coincidence, immediately after the ceremony, someone on shore nearby set off some firecrackers, as if in celebration. "Because of the holiday, we'll always have a day off for our wedding anniversary," Jay said.

PATTY LEHMAN (EDC) and her husband Jeffrey announce the arrival of their son, Joel Casey, on August 6. He weighed in at 6 lb. 2 oz.

TAMY CALIFANO (Export Sales) and her husband Vinnie welcomed their new son Vincent George, Jr., on August 7. Young Vincent weighed 6 lb. 7 oz. at birth. JOYCE KOSCIELNY (Aviation Recorders Assembly) is the proud grandmother.

## EMPLOYEES CELEBRATING SERVICE ANNIVERSARIES

Major service milestones are being observed during August by 11 employees. Topping the list is Chris Freeberg who joined Electro-Mechanical Research in Ridgefield, Conn., back in 1956, and moved to Sarasota with the company.



Happy anniversary to Chris Freeberg (30 years) and Jim Horvath, Ron Vander Vliet, and Steve Hoff, who are marking 20 years of service this month.



Cora DiBello, Doris Joubert and Nancy Wentz observed ten years of service this month. David Payne, Bill Schmitz and Ray McPartlin completed five years with our company. Missing from this photo is Val Fordham who rounded out ten years of service during August.

**PICNIC!**

**OCTOBER 18, 1986**

**ELKS PARK**

***Please save the date!***