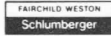


**FAIRCHILD WESTON
SYSTEMS INC.**



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

VOL. VIII, NO. 5

MAY 1986

NAVY AWARDS T/C SYSTEMS CONTRACT TO DATA SYSTEMS

Data Systems Division has been selected by the Naval Surface Weapons Center, Dahlgren Labs, Virginia, to supply three telemetry-computer systems for land-based and shipboard tests of the U.S. Navy's new standard missiles (SM1 and SM2). The contract is valued at over \$1.4 million.

"Each of these systems will be constructed as 11 weather-proof packages, each small and relatively light-weight," explains Jud Strock, of Applications Engineering. "For shipboard use the Navy will take these packages aboard, latch them together to make two six-foot stacks, and interconnect them for operation."

Each system will include some 8000-series PCM equipment, a new unit, called the EMR 725 PAM Synchronizer, and a MicroVAX II subsystem, similar to our EMR 8385 Display Station, Jud Strock said. Several pieces of purchased equipment will complete the system.

In their solicitation for these systems, the Navy indicated that other Navy groups are expected to purchase identical systems for their tests on SM1 and SM2, and other Navy missiles.

Program Manager for this contract is Bill Anderson. Bharat Parkhani is Project Engineer, with programming to be done by individuals in Mike Hutchinson's software group. Team members who contributed to this successful proposal and marketing effort were Jud Strock, Mike Hutchinson, Bharat Parkhani, and Earl Studenwalt. Shipment is scheduled to extend into 1987.

PRE-RETIREMENT PLANNING WORKSHOP STARTED IN MAY

A new workshop is being offered to employees to aid in pre-retirement planning. The first two initial sessions were held on May 20 and 22, as a service to employees who would like to plan ahead for future retirement. Areas being discussed include adjustments to a new lifestyle, health concerns, financial planning, company benefits, social security, medicare, insurance, etc.

Coordinated by Personnel, the sessions feature guest speakers from the community. The first groups of employees who are being invited to participate are those individuals who are eligible for early retirement under our Rule of 85 benefit.

"We are planning to offer an ongoing series of these informative meetings, and want to make the materials available to employees well in advance of their decision to retire," explains Rick Greenawalt, Director of Personnel. "Some of the attendees have already stated they wished

(Cont'd on Page 2)

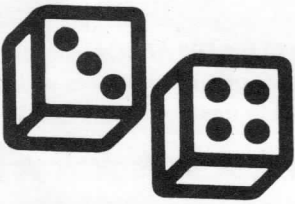
WANNA BUY AN 8385?

Joel Weber, of Applications Engineering, traveled to Australia and New Zealand recently to demonstrate our Model 8385 Display Station to a number of potential customers. The accompanying photo shows Joel giving his sales pitch to some of the local citizens of Australia.



Joel Weber just can't seem to interest this kangaroo in a telemetry system.

Chances are.....



someone needs you! Give blood.
BLOOD DRIVE ON JUNE 17

AN EQUAL OPPORTUNITY EMPLOYER M/F/H/V

T. KEOVILAY IS NOW A NEW USA CITIZEN



Thongvanh Keovilay

Thongvanh Keovilay (Machine Shop) was sworn in as a citizen of the USA in Tampa on April 25. This is the latest accomplishment for a man whose life has led him and his family from Vietnam to Laos to a refugee camp in Thailand for over a year, and eventually to Sarasota.

"T.K." and his wife, Kongkham, have six children with them here in Sarasota, ranging from 10 to 18 years of age. Three adult children remain in Vietnam. When the Keovilay family came to Sarasota in 1976, they were sponsored by the Concordia Lutheran Church. Through hard work, the Keovilays now have their own home, and some day T.K. would like to have a small business of his own.

He sums up his feelings: "I like living here because I like freedom."

PRE-RETIREMENT PLANNING WORKSHOP STARTED IN MAY

(Cont'd from Page 1)

they had started their retirement planning long ago, and that is the ultimate goal of this Pre-Retirement Planning benefit," Rick said.

The next sessions of the Pre-Retirement Planning workshop are planned for June. Invitations will be sent to the individual employees, in order to meet the needs of those employees who have a more immediate need for this information.

LOS ANGELES PLANT TO BE PHASED OUT

General Manager R.J. Keller assembled the Los Angeles Aviation Recorders employees on May 15 to inform the Los Angeles-based employees that their facility will be phased out over the year and eventually closed by year-end.

The Los Angeles operation began in the mid 1950's producing Analog (foil) Flight Recorders for both the domestic and overseas markets. The facility also makes repairs on its units and produces the special tape medium used in the earlier Flight Recorders. Due to the increasing demand for Digital Flight Recorders to replace older model foil Recorders, the Los Angeles Facility's 1986 revenues are expected to be only two-thirds of 1985 revenues, with future projections also pointing downward. Another consideration is that the lease on the facility will expire in December, 1986, Mr. Keller said.

Mr. Keller commented that the decision to close the plant came only after substantial market and business analysis, and much discussion with his staff. The decision was especially difficult in that the 24 Los Angeles employees were "long-term, loyal contributors to the company."

"We owe a lot to these people, and I have directed my staff to make their transition to new directions as painless and positive as possible," Mr. Keller stated.

Rick Greenawalt, Director of Personnel, detailed to each Nonexempt and Exempt employee the severance and benefits package each employee would receive. The packages were designed to cushion the loss of one's job through financial support, benefits continuation, vesting of pensions and profit-sharing programs, and providing outplacement assistance for the individuals.

After negotiating with the Machinists Union over the impact of the shutdown upon its members, the Hourly employees also received detailed information from Rick Greenawalt on their severance and benefits package.

The production of spare parts and the fabricating of the tape medium (foil) will be transferred to Sarasota in the late summer and fall of this year, providing work for roughly a half dozen employees in our present work force.

Interviewing and outplacement activities have already started for some of the Los Angeles-based employees, and it appears that most of the employees will readily be placed in other positions in nearby firms in the Los Angeles area.

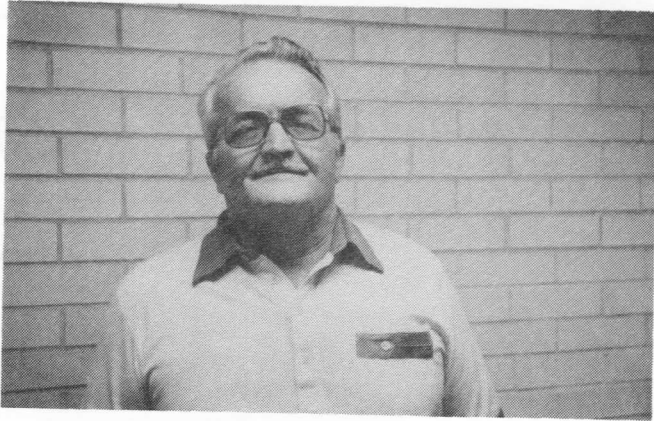


**ACCIDENTS HURT --
SAFETY FEELS GOOD!**



ANNIVERSARY GREETINGS TO THIS GOOD GROUP

May service anniversaries among our colleagues include two employees who marked a quarter of a century of service (Ruth Erlandson and Bud Steinhoff), and Shirley Buerge, who observed her 20-year anniversary with our company. Congratulations to this good group.



Congratulations to Wayne Reid who marks 10 years of service during May.



In the foreground, Bud Steinhoff and Ruth Erlandson observed 25 years of service, and Shirley Buerge marked 20 years with our company during May. In the back row, Dave Cobb (15 years), Rick Ramos, Frank Black, Dennice Butler, and Don McCrea (10 years), and Don Stover (5 years). Happy anniversary, folks!

LEVEL TWO CREW IS OUR NEWEST CIRCLE

The "Level Two Crew" is our newest Circle. This group involvement team represents a large cross section of the Manufacturing operation, with a representative from each area. The group has 14 members, and its size was the limiting factor which prevented getting all of Manufacturing involved.

This unique group, primarily composed of Group Leaders, is an extension of the Group Leader training offered last year.

The Level Two Crew hopes to improve interdepartment communication and learn more about our company while addressing some nagging everyday problems. Their first goal is reduce rework by 5% within three months.

Phil Ingram is Facilitator for this group, and his goal is to provide an environment that facilitates learning and encourages creative approaches to problem-solving.



LEVEL TWO CREW members are (seated) Bob Carlson, Judy Boyd, Dick Dungan, Rita McCrea, Tony Peet (sitting in for Shirley Smith), Evelyn Christian, Ann Stinton. Standing,

Art Acosta, Rita Keen, Joyce Koscielny, Phil Stockton, Paul Shetler, Phil Luquette, and Facilitator Phil Ingram.

BACK TO THE 18TH CENTURY & LONG RIFLES

THESE MEN ENJOY "BLACK POWDER" SHOOTING --

Black powder shooting...muzzle-loading rifles...authentic 18th century frontier dress...pre-Civil War rifles...primitive camping. These are items that intrigue a group of men here at Data Systems Division.

Ed Kreyling (SPS), Jess Soto-Mayor (Plating), Julian Sunderman (Sheet Metal Fab) and Greg Williams (Machine Shop) are all members of the Manatee River Long Rifles, a muzzle-loading rifle club in Sarasota County. Julian and Ed are also members of the National Muzzle Loading Rifle Association and Ed is a member of the National Association of Primitive Riflemen.

Ed Kreyling gives some insight into the hobby: "I've been into muzzle-loading for about ten years. I'm not a 'gun nut' although I have owned and fired modern weapons. I'm fascinated with the mechanics of a flint-lock weapon and the people who depended on them for food and safety. Don Grant, president of the Manatee River Long Rifles, told me, when discussing life in the 18th century, "If your rifle didn't fire, you either got a haircut or you got skinnier."

The Manatee River Long Rifles is a family-oriented club with men and women shooters, and even some teenagers who come to the monthly shoots. In addition, the club tries to have several cookout and camping events a year at its private range and campground east of Bradenton. The membership requirements are that you attend three club functions and are approved by a vote of the membership. Dues are \$15 per year, and Ed Kreyling (Ext. 5283) can provide more information.

Firing a muzzle-loading rifle requires much preparation and knowledge, Ed explains. The Manatee River Long Rifles



Greg Williams in buffalo hat, with Jess Soto-Mayor at Southeastern Rendezvous.

encourage regular shooting with open iron sights and patched (round) ball ammunition. This means that a round lead ball is placed in a small lubricated piece of cloth and pressed down on top of the black powder which has been poured in from the muzzle end of the rifle.



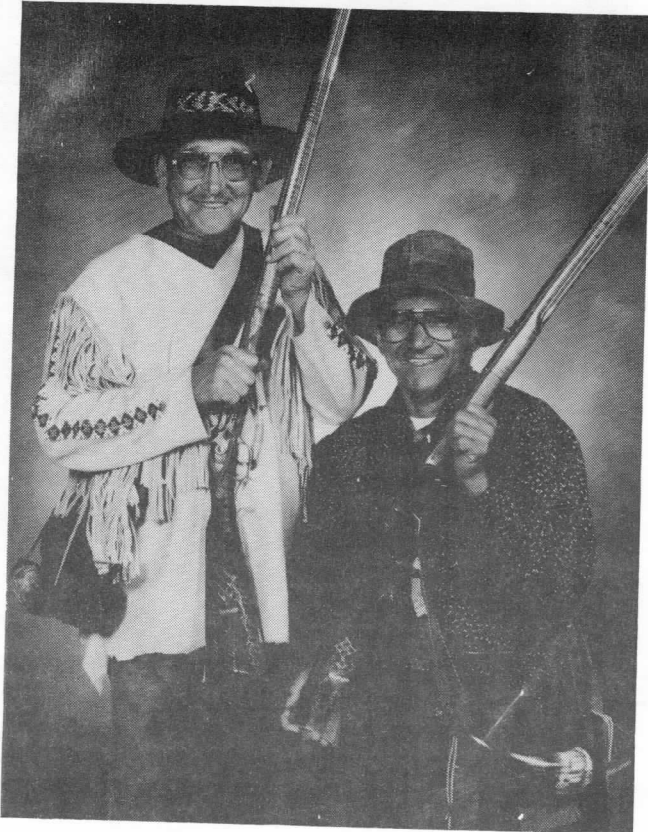
Ed Kreyling with 40 caliber flint-lock handmade long rifle at March, 1986 Southeastern Rendezvous in Keysville, Fla. Ed made the buckskin jacket, leggins and other items of the authentic 18th century Eastern Long Hunter outfit.

There are two basic types of muzzle-loading rifles: the flint-lock and the percussion-lock. In the flint-lock rifle, more powder is placed in a small pan outside the barrel and a piece of flint rock is placed in the hammer of the rifle. When the trigger is pulled, the flint strikes a small piece of metal, called a frizzen, causing a spark which ignites the powder in the pan, which in turn ignites the powder in the barrel, and fires the rifle. There is a noticeable pause between when the shooter pulls the trigger and the rifle fires. (Hence the nickname "flinch-lock.")

The percussion-lock rifle is loaded the same way, except that instead of a piece of flint and pan full of powder, the percussion rifle has a percussion cap, similar to a kid's cap pistol. The hammer of the rifle strikes the cap to fire the rifle, and the pause before firing is much less noticeable.

Muzzle-loading is a sport which has many facets. Julian and Greg both regularly attend the club shoots. Ed has just restarted shooting, but is primarily interested in the customs and lifestyles practiced in the Revolutionary Period. Other club activities include primitive camping, canoeing, tomahawk throwing, Indian lore, authentic dress, and even Indian sign language, regular monthly shoots and the semi-annual club tournaments.

THEY CAN APPRECIATE THE EARLY PIONEERS



Julian Sunderman (left), wearing buckskin Indian war shirt, holds flint-lock long rifle with brass hardware. Jess Soto-Mayor in Calico frontier shirt holds a flint-lock long rifle with silver hardware. Notice the powder horn, and the shooting pouch which contains patches, balls, and patch knife.

A contest called a Seneca Run is a type of muzzle-loading combat shoot where reloading speed and the ability to hit your target are taken into account.

Greg Williams has been interested in black powder shooting for about a year. He is impressed with the fellowship and social and competitive aspects of the family-oriented club.

Julian Sunderman has been into muzzle-loading for about six years. His membership card in the National Muzzle-Loading Rifle Association bears the legend, "Preserving for tomorrow the Pioneer arms craftsmanship and skill which bore freedom and liberty."

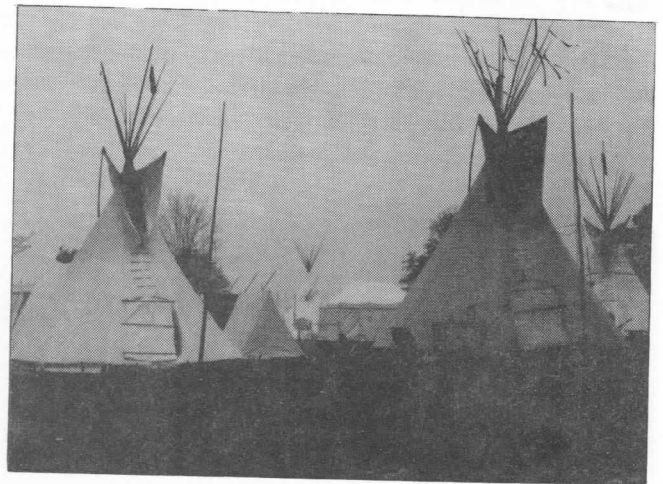
Jess Soto-Mayor only recently became a black powder enthusiast, although he has been interested in firearms all his life. The next meeting of the Club will be at his home on June 2.

The men are very enthusiastic about the tradition, the history, and details of the hand-crafted long rifles, the authentic dress, and primitive (and modern) camping. They talk about rifle designs--curly maple, some trimmed in brass or silver--and cite the many things which can cause the black powder rifles not to fire. There are even special tools to load the rifles -- ball starter, touch hole pick, patch

knife, made of deer antlers. Some shooters have a bear-jaw patch knife which cuts the swatch of cloth needed to press the lead ball down on top of the black powder. And always, historical authenticity is a prime concern, along with the enjoyment the men derive from this interesting activity.



Greg Williams shoots long rifle at Manatee River Long Rifles range.



Teepees at Southeastern Rendezvous.

BLOOD DRIVE ON JUNE 17

The Lower West Coast Bloodmobile is scheduled to visit Data Systems Division on June 17. You can help -- yourself, your family, and the families of our colleagues and retirees - - by giving blood.

When blood is needed, just call Occupational Health Nurse Debbie Graham, and the units of blood can be transferred from the Fairchild Weston blood bank account to the patient's hospital account.

Want to give blood? Please call Debbie Graham, Ext. 5559, and request your Donor Card.

GETTING ACQUAINTED WITH CIRCLE MEMBERS

CLOSE TOLERANCE CIRCLE

The Close Tolerance Circle represents employees in our Machine Shop. The Circle rotates its leadership among the Circle members, and Supervisor Don Stover offers his ready support and assistance whenever the Circle requests aid.

HELEN DUTHE has worked at Fairchild Weston for nine years. She collects dolls and hopes to start sewing outfits for the dolls. Helen also loves working outside in the yard.

BILLY FINCHER has been with our company since 1977. He enjoys fishing, playing golf, and spending time with his family.

BRAD JONES joined us in February, 1985. he enjoys working with his Youth for Christ group and his church youth group. He is a snook fisherman, plays golf, and likes to spend time with his wife.

FRED KRASE also started at Fairchild Weston in February, 1985. His interests are his family, fishing and the beaches.

RALPH KRUEGER has been with our company since 1983. He enjoys being with his family, restoring old cars and motorcycling.



Fred Krase, Brad Jones Kathy Ling, Ralph Krueger, Billy Fincher and Helen Duthe make up our Close Tolerance Circle.

KATHY LING joined Fairchild Weston seven years ago. She has the distinction of being the first woman to run the saws in the Machine Shop. "I love teaching my Junior High Sunday School class and working in my church, and fishing," Kathy said.

TOM BELL IS CHAIRMAN OF RUNNERS PENTATHLON

Tom Bell, Senior Service Representative, Customer Service, Albuquerque, was the chairman of the Second Annual Runners Pentathlon in Albuquerque on May 11. The Pentathlon consists of five races, and runners had to compete in all five events to be eligible for awards.



Tom Bell at work in the Albuquerque, N. M. office.

"It was a very successful day with over 60 runners -- from New Mexico, Iowa, Oklahoma, Arizona, Texas and California," Tom reports. The runners enjoyed it, there was good competition, and an excellent crew of volunteers including Pat Williams (Secretary in the Albuquerque office) who assisted with scheduling and typing, Tom said.

The running events were: 3200 meters, 800 meters, 200 meters, 400 meters, and 1600 meters, with scoring by age groups between 20 and 70-plus -- a real test of speed and endurance. The Pentathlon took place in one of Albuquerque's school tracks, Wilson Stadium, using a 400 meter all-weather track.

Tom has been a fitness runner, for fun, since 1978, and usually runs in the evenings, five days a week. Tom joined Fairchild Weston in Customer Support in January, 1979.

SAFETY TIPS ★★★★★★★★★★

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



WHY DIDN'T THEY ACCEPT MY BLOOD DONATION ? SHOULD I ATTEMPT TO GIVE BLOOD ON JUNE 17TH ?

Anyone can be a blood donor - it takes compassion, the intelligence to realize the importance of having a good blood supply on hand, and it takes a willingness to be of service to humankind.

Occasionally when we volunteer, we may be "turned down" by the blood bank professionals. Sometimes we believe that we can't donate blood because we have temporary or even permanent medical conditions that make us ineligible. Let's examine a few of the more common reasons that our donation may not be accepted.

1. Hypertension - If your blood pressure is more than 100/70 or less than 180/100 - you are eligible. If your blood pressure is more than 180/100 or less than 100/70 - you are not eligible!

If you are taking high blood pressure medicine, and your blood pressure is within these guidelines, - you are eligible to donate! Unless your physician specifically suggests that you do not donate blood, sign up for our June 17 drive. Blood pressures are checked on everyone, each time they donate and if your pressure that day is not within the guidelines, your donation will not be taken.

2. What if I have epilepsy? If your epilepsy is controlled by medication (seizure free), then you are also an eligible candidate, and let's see you too, at our June 17th drive.

3. I've been taking antibiotics - should I give blood? You may donate blood if your last dose of antibiotics was taken prior to your donation. Of course if you are still not feeling well, it would be better to wait until our next blood drive.

4. I take allergy "shots" on a regular basis. Can I donate blood? Yes, provided that your last allergy "shot" was one week prior to the day you wish to donate. If your last allergy "shot" was on June 10th, let's see you at our June 17th blood drive.

5. How about donating and pregnancy? If you are pregnant, do not donate. If you are six weeks post-partum, (after delivery of the baby) you may donate again.

6. I've been out of the country and am taking anti-malarials. Should I donate blood? No. It's also a good idea to check with the professionals to find out when you can resume donating. Based on the country you have been visiting, the length of time you were there, and other factors, the period of time you must defer donating will vary.

7. Can I donate if I am taking steroids? (cortisone) No. If you have had a cortisone injection recently, but do not take steroids on a regular basis, check with the nurse to find out about your present, donating status.

8. I'm anemic. Can I donate blood? Not while you are anemic. (low red cell count) But, don't despair because anemia

frequently is a temporary problem. When your anemia is controlled and your blood count is normal, you could become a blood donor again. This factor is checked each time anyone donates blood. So, sign up for the June 17 drive, If your count is low, the blood professionals will tell you, and ask you to try again next time. If being anemic is news to you, give your doctor a call.

9. Are there people who should never donate blood? Yes People with chronic anemia, AIDS, hepatitis, hemophiliacs. If there is any doubt about blood donations your physician should be consulted, or, it is wise to call the local blood bank. Up to date information is always obtainable.

There are other health problems or situations, temporary or permanent, that may affect your ability to donate blood.

The best source of information is your personal doctor, or feel free to discuss your special situation with a member of the professional blood bank team when they are here on the 17th of June. It is important to remember: That although your blood is badly needed, the blood bank professionals will not take your blood if there is any suspicion of a problem. Your health and welfare is of prime concern.

See you all on June 17th. If you have not gotten a donor card, please call X-5559 and set up an appointment time.

- **DEBBIE GRAHAM**

METAL FINISHING OPERATIONS IN SARASOTA TO BE CLOSED

General Manager R.J. Keller met with employees directly involved in our Painting and Metal Plating operations on May 8 and announced that the Division plans to discontinue the painting and plating operations in our plant, probably during the third quarter of this year. Approximately ten employees are involved in these operations at this time.

There are always many factors which go into such decisions, but one of the main reasons for this change is the environmental regulatory issues involved. Although the Division has recently spent more than half a million dollars on a new waste management system, it appears that future regulatory changes will very likely require substantial added expenditures to continue to remain compliant. Those companies which perform plating and painting as their primary business are far better equipped to deal with regulatory issues, the General Manager said. Hence this type of work will be done outside our facility in the future.

Every effort will be made to find suitable placement for each of the employees affected by this change. Personnel changes are also dependent on factors such as retirements, attrition, seniority of the individuals involved, and our work load resulting from incoming business and transferred work from the Los Angeles Aviation Recorders facility.

TWO EMPLOYEES JOIN OUR GROWING LIST OF RETIREES

JOHN THORNTON RETIRES



JOHN THORNTON

Big John Thornton is an unassuming person -- but an employee who can be counted on to come through with a solution to whatever problem he's asked to work on, whether it's in maintenance, machine repair, or helping with the Company Picnic.

John is saying goodbye to Data Systems Division this month, as he begins retirement. He joined our company in 1965, and has worked in Maintenance, Plating, and currently in Machine Maintenance. He served over 20 years in the Army, mostly in the Pacific, and met his wife, Anna, in Hawaii. The Thorntons are noted for their sumptuous, traditional luaus.

A native Sarasotan, John's mother's family (the Blounts) have been Floridians in the Arcadia, Naples and Sarasota areas since before the Civil War.

John is looking forward to fishing, shrimping, and helping with his wife's hundreds of orchids and rose bed. He has already built two greenhouses for her orchids. Next on the docket is a big family reunion, in Las Vegas, and probably a trip to the State of Washington for some salmon fishing with his son in July. The Thorntons have three sons and two grandsons.

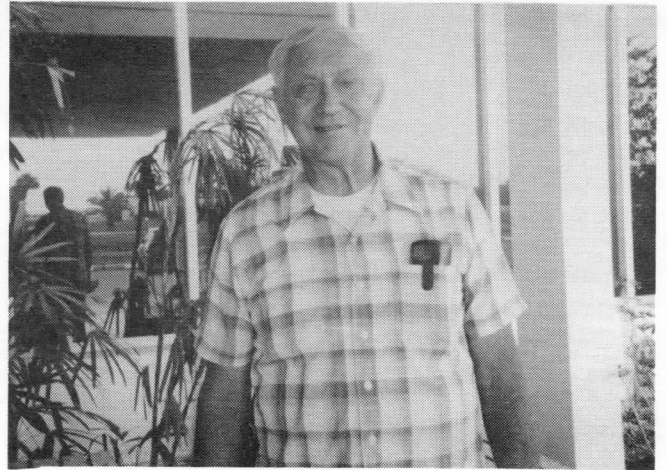
All the best, John. We'll miss you.

STROCK INVITED TO ADDRESS N.Y. ACADEMY OF SCIENCES

Jud Strock, Principal Applications Engineer, was the featured speaker in New York City at the May 14 Engineering Section meeting of the New York Academy of Sciences. Jud spoke on "Telemetry, a Tool for Space Exploration." He was invited to address the meeting because of his book, *Telemetry-Computer Systems, An Introduction*, the only

HORST SCHELLER NEW RETIREE

Horst Scheller, of our Plant Maintenance group, retired during May. He has been with Data Systems Division since 1977.



HORST SCHELLER

Born in Germany, Horst and his wife Ursula -- and later their daughter -- were headliners in their night club rollerskating act in Europe for many years. They travelled throughout most of Europe and North Africa, playing variety shows and night clubs. Horst also learned carpentry from his grandfather.

Mr. and Mrs. Scheller plan to travel America, and hope to visit Hawaii. Describing his feelings about retirement, Horst said with a big smile, "I made it!"

Much good luck, Horst, and enjoy!

CONGRATULATIONS!

BEV VALENTE (SPS) and her husband Dario announce the arrival of their daughter, Katrina Lynn, on April 27. She weighed in at 7 lb. 12 oz.

JIM GRAHAM (of Applications Engineering) and his wife Doiana welcomed their new daughter, JessaLynn Kendy on May 6. She weighed 8 lb. 6 oz. at birth.

KATHY BORDELL (Cost Accounting) became Mrs. William Medred on May 17 in a Sarasota church wedding.

book on this subject since 1964.

Jud's presentation took the form of an after-dinner speech dealing mostly with his experiences and observations from 29 years in the telemetry business. The 50,000 member Academy is composed of engineers and scientists from the entire metropolitan New York area.