

PULSE



SANGAMO WESTON

Schlumberger

SANGAMO WESTON, SARASOTA
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NEWS ABOUT SANGAMO WESTON, SARASOTA

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February, 1979

VACATION BENEFIT POLICY IMPROVED FOR EMPLOYEES

Improved vacation benefits for long-time hourly and salaried non-exempt employees have been announced by General Manager A. J. Martin.

The new policy provides up to 20 days of paid vacation for employees who have completed 15 years of service or more. Effective March 1, 1979, employees completing 15 years of continuous service will be eligible for an additional day of paid vacation for each succeeding year of service up to a maximum accrual of 20 vacation days per year.

The new benefit is immediately available to those long-time employees who have been with the company for more than 15 years. For example, if you are an hourly or salaried non-exempt employee and you have completed 18 years of service, you are eligible for 18 days of vacation.

Nearly 200 employees will be eligible for additional vacation starting this year, under this new policy.

OPEN HOUSE ON MARCH 25

You and your family are cordially invited to our Family Open House on Sunday, March 25, from 2 to 5 P. M.

"There will be refreshments, demonstrations of equipment and an opportunity to visit various areas of the plant," Personnel Director Oti Rioux said. "Many departments are arranging special demonstrations and providing hosts and hostesses to help make this an enjoyable afternoon for our families."

Details will be announced as the date draws nearer.

CARING AND SHARING -- THE UNITED WAY

The United Way Campaign for Sangamo Weston, Sarasota employees will be from March 12 through March 16. Please consider what YOU can do to help make this campaign our best ever ...

THANKS TO YOU . . . IT WORKS

Thank You,
For Caring
And Sharing



CREDIT UNION ELECTS NEW BOARD MEMBERS

EMR Credit Union members were treated to a mini-concert prior to the Annual Meeting on January 25. Sarasota High's singing group, the Changing Tide, directed by Andrew Wright, provided an upbeat musical prelude for employees before the meeting.



"The Changing Tide," Sarasota High singing group directed by Andrew Wright, provided a delightful musical interlude.

Annual meeting reports show Credit Union accounts now number over 700, with assets of well over \$600,000. Current Board members are pictured in the accompanying photo. Other committees include:

Supervisory Committee: Carolyn Cox, Chairperson; Chris Caswell, Carmen Ireson.

Credit Committee: Chairman John Kerwin, Faye Lesmerises, Paul Weller.



Credit Union Board Members are: (seated) Lillian Conway, Office Manager & Loan Officer; Treasurer Florence Johnson; Secretary Berenice Henderson. Standing, Vice President Mike Hutchinson, Mike Wright, Glenn Wood, President Martin Belkin, and Acting Treasurer Ed Annaratone. Missing from photo is Board Member Don Parker.

An Equal Opportunity Employer, M/F

EMPLOYEES MODIFY WHEELCHAIR TO ASSIST THE HANDICAPPED

If you had looked into a corner of the Data Recorder Lab in Engineering a few weeks ago, you would have seen an electric wheelchair. Some of our employees were working on it, during their own time, to help modify the controls for use by youngsters at the Pathfinder School, located at Happiness House. The Pathfinder School, part of the Sarasota school system, is for handicapped children.

"The wheelchair had pushbutton controls, and the kids with cerebral palsy did not have sufficient fine motor coordination to use the pushbuttons," explains Richard Vandenberg, who works in precision mechanical aspects of producing our Data Recorders. "Dave Dugger, a Technician in Data Recorder Engineering, and I got involved through mutual friends, like Douglas Jones, of the Pathfinder School, and Paul Muenster, of Data Recorder Engineering." Richard said. Richard had worked with training the handicapped in Kansas, prior to coming here.

"We modified the controls to a lever, or 'joy stick' such as on a TV game," Dave Dugger said. "The design was modified with advice and help from a number of Technicians and Engineers, including Greg Purdom and John Traxler. And just about everybody helped test it, by riding in it!" Dave is a Tampa Tech graduate and joined EMR in January, 1978

Richard delivered the chair two weeks ago, and the kids are now using it. The School is utilizing it as a training aid, and to evaluate whether to invest in purchasing similar chairs for the future. Nice work, fellows.



Dave Dugger and Richard Vandenberg with a Sabre X Data Recorder ready for shipment.

CONGRATULATIONS!

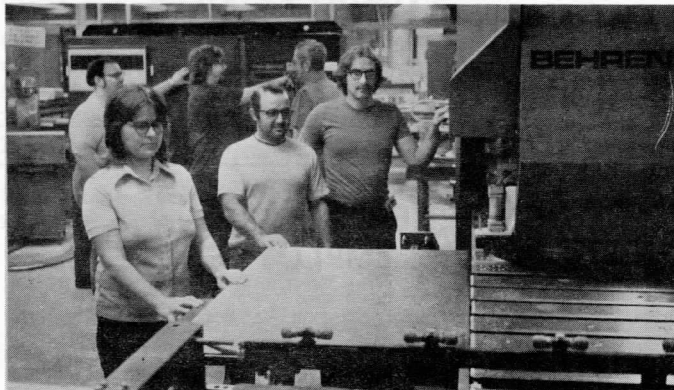
Recently married? New baby at your house? If you'd like to share the news with your colleagues, please call PULSE, Ext. 553, and we'll run the item in our CONGRATULATIONS column.

BIRTHS

Wanda (LaPerriere) Smith and husband Joe Smith, Jr., are parents of a new son, "T.J." (Travis James) born 2/3/79.

NEW PUNCH PRESS INSTALLED

Latest addition in our Metal Fabrication Department is this Behrens numerically-controlled turret punch press. The huge machine represents a capital investment of over \$200,000.



Pictured together are the three shifts of operators for our two large N/C turret punch presses. In foreground, Paula Poole, Jim Bush and Mike Venneman. In background, at electronic control unit, Ivan Lazarus, Ed Morrow and Bob Lahmers.

Built in Germany, the machine provides 33 tons of punching capacity, 200-400 strokes per minute in various modes; a 26-station turret capable of punching up to a 2½ in. hole through 1/8 in. steel.

To mount the machine, our Plant Maintenance crew had to pour 2½ feet of solid reinforced concrete. The machine holds ±.004 tolerance between centers on holes.

QUARTERLY AWARDS

Employees observing 20-year service anniversaries with our company will receive their 20-year watches at quarterly service awards ceremonies this year.

There will be a total of 30 employees receiving watches, and the first 20-year group will be honored in March.

Included in the watch presentation ceremonies will be a large number of employees who came to Sarasota after many years with Sangamo Electric in Springfield, Ill. This "catch-up" presentation of watches will include employees from Springfield who have seniority dates going back 20 to 40 years!

Service pins for other major milestones--5, 10, 15 years--will continue to be awarded by Department Supervisors monthly.



THANKS TO YOU . . . IT WORKS

METEOROLOGISTS USING EMR WEATHER DATA SYSTEMS

Weather Data Systems from EMR/Sangamo Weston are becoming a significant part of our business. From a single product a few years ago (a Scanning Radiometer Data Manipulator for low resolution weather data broadcast), our Weather Systems business has expanded to include high resolution systems valued at \$150,000 to \$250,000, or more, each.

Some recent contracts awarded to EMR were valued at close to half a million dollars each, according to Product Line Manager Steve Carper.

"We have already delivered SRDM's and low resolution equipment to over 25 countries around the world," Steve said.

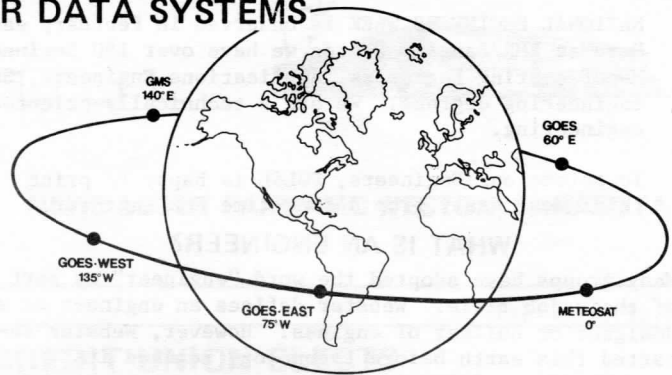
Orders for EMR Weather Data Ground Stations have been received recently from:

- Portugal (National Institute of Meteorology and Geophysics) for a system at the Lisbon airport to handle weather data for Meteosat/TIROS-N/GOES weather satellites.
- Antarctica (National Science Foundation/U.S. Navy) handling TIROS-N polar-orbiting weather satellite data.
- Guam (U.S. Navy) GMS ground station
- Tampa, TV Station WTVT --ground station to handle data directly from weather satellites, rather than over telephone lines, for TV weather reports.
- Taiwan Air Force --EMR 850 Series for reception of low resolution images
- Colorado State University --GOES research-type high resolution weather data system.

"We are now able to handle data from every meteorological satellite currently in orbit or planned for launch during the next five years," Steve Carper explained. Included are geostationary satellites, in "fixed" positions relative to the earth's rotation, 22,300 miles from the equator, and polar-orbiting satellites such as the new TIROS-N series and NOAA/A-G satellites.



New Model 813 Satellite Image Processor and its Engineering Team: Gregg Parks, Scott Zeiner, Tim Matthews, Tom Osmer, Ed Domrzalski, Jeff Davis, Ken Martinez.



Weather data from geostationary satellites is processed by EMR High Resolution Weather Data Systems.

Meteorologists can utilize EMR weather data systems to handle data concerning hurricanes, typhoons, thunderstorms, ocean currents, jet streams, etc.

Our Engineering teams have produced new products such as the Model 813 Satellite Image Processor, and the Model 822 GOES Frame Synchronizer/Sectorizer/Simulator. These units are combined with other equipment such as a receiving antenna, RF receiver, EMR 728 PSK Modulator/Demodulator, EMR 2726/2727 PCM Bit Synchronizer and EMR 2746 PCM Decommutator, and a Laser Facsimile Image Recorder to become complete High Resolution Weather Data Systems. For the Low Resolution Systems, customers use our 850 series system and enhancement devices such as EMR's 810 and 812 Scanning Radiometer Data Manipulator.

Deliveries of the new systems are scheduled during Spring and Summer, 1979, and thereafter.

SYSTEM WILL CONTROL WATER SUPPLY FOR NEW ELECTRIC POWER PLANT

Work is currently underway in our Industrial Systems area on a major contract to supply a complex remote data acquisition and control system for a giant electric power generating plant on the Laramie River in Wyoming. The Sangamo Weston contract involves responsibility for supervisory control equipment, control panels, graphic panels and sensors. The contract is valued at over \$700,000.

The electric power plant is a 570 MW coal-fired unit located on the Laramie River, north of Wheatland, Wyoming. Our 3200 series RECON I system will control radial gates on the dam; control pumps at water treatment plant, reservoir and a well field; control valves to regulate water gauging stations; monitor alarm and status function throughout the water supply system. There will be twelve remote sites with radio communications over a 25-mile distance to the power plant, according to Bill Hardman of our Industrial Systems group.

SAFETY
is part of your job!

A SALUTE TO OUR ENGINEERS FOR NATIONAL ENGINEERS WEEK

NATIONAL ENGINEERS WEEK is observed in February each year, during the week of Washington's Birthday. Here at EMR/Sangamo Weston we have over 150 Engineers--Electrical Engineers, Mechanical Engineers, Manufacturing Engineers, Applications Engineers, Sales Engineers, members of management who hold engineering degrees. We are a technically-oriented company, and we respect the value of good engineering.

To salute our Engineers, PULSE is happy to print this guest essay from a long-time EMR Engineer.

WHAT IS AN ENGINEER?

Many groups have adopted the word "engineer" as part of their job title. Webster defines an engineer as a designer or builder of engines. However, Webster departed this earth before technology reached its current state of complexity.

There are now sanitary engineers, railroad engineers, maritime engineers, aeronautical engineers, electrical engineers, military engineers, metallurgical engineers, mechanical engineers, civil engineers, chemical engineers and other engineers with a variety of restrictive adjectives.

People must like the sound of "engineer" since they apply it to so many endeavors.

The appealing aspect of an engineering position is its relationship to design and building. The cars we drive, TV's we watch, refrigerators that preserve our food, airplanes that shrink the world and spacecraft that shrink the universe are all products of the engineering profession. Engineering implies innovation and the use of one's intellect to cope with problems that arise in search of a better life.

Despite the many problems of this modern world, few would contest the fact that we all are living better because of the efforts of engineers. It's nice to have a week when others take notice.

- Martin Belkin

37 MILES OF WIRE FOR OUR DING-A-LINGS

Over 400 touch tone telephones are now in use here as part of the new GTD-1000 Telephone System installed at EMR/Sangamo Weston. It is the first such advanced phone system in this area. General Telephone personnel worked full-time at our plant for three months to complete the sophisticated system in time for the switch-over on February 12th.

The entire facility was recabled, requiring 200,000 feet or 37 miles of wire, according to Fran Thatcher, who helped coordinate the project.

BLOOD DRIVE

Employees will have another opportunity to donate blood right here at the Sangamo Weston plant during the first two weeks of April. Some 110 employees were donors to the EMR Blood Bank during our last drive in May, 1978. Donor cards are available now through your supervisor.

Should you or a member of your family need blood, call our Dispensary, Ext. 559, and the required units of blood will be transferred to your account.

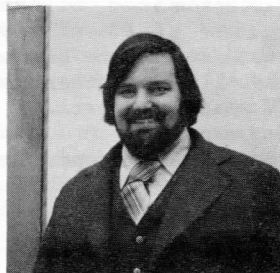
HAPPY ANNIVERSARY

Anniversary greetings to our employees observing service milestones of 5, 10 and 15 years, Congratulations to:

- 2/64 Dave M. Clouse, Methods Engineering
2/69 Jim Apperson, Customer Support in Southfield, Mich.
1/69 Rose Stroface, Lancaster, Ca., Sales
2/74 Donna Gray, Accounting



DONNA GRAY and DAVE CLOUSE



JIM APPERSON



ROSE STROFACE

SUPERSTARS FROM EMR

Seventy-six employees on four teams from EMR/Sangamo Weston will be on the field for the next "Almost Anything Goes" competition on Saturday, March 17, 1979, part of Sarasota's King Neptune Frolics Week. The teams are named:

Electronic Supersonics
Fruitville Funny Farm
Rack Rats
Bit Twiddlers

The tourney is from 5-8 p.m., at Riverview's Ram Bowl, March 17th. A loud cheering section will help!

SAFETY TIPS

LIFTING RIGHT--

