



SANGAMO WESTON

Schlumberger

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

NEWS ABOUT SANGAMO WESTON, SARASOTA

VOL III, NO. 5

APRIL, 1981

AMAPS/MRP SURPRISE

Members of the Production Control Department -- deeply involved in the AMAPS/MRP manufacturing control system -- surprised their Department Manager Dave Crickette by showing up at a Department meeting wearing special blue T-shirts. The shirts each bore a legend describing their work.



The shirts describe their jobs in MRP. Standing, Donna Watkins, Cora Austill, Dave Crickette, Jill Steinhoff. Seated, Patty Woolums and Judy Mewes.

Examples: MRP PLANNERS DO IT ON LINE; MPR EXPEDITERS DO IT ALL; ECO COORDINATORS DO IT FOR A CHANGE; MRP DISPATCHERS DO IT BY PRIORITY; MRP CLERKS DO IT IN BATCHES.

Biggest surprise of all was the T-shirt awarded to Dave Crickette which reads: "MRP MANAGERS -- WOULD LIKE TO."

The meeting was for a test to see how well versed the Production Control personnel are in certain segments of AMAPS (Advanced Manufacturing Accounting & Production Systems) and MRP (Material Requirements Planning).

FOUR CRP CASH AWARDS WON BY THREE EMPLOYEES

Four awards were presented to three employees this month for suggestions in our Cost Reduction Program. Winners of cost-savings awards were congratulated by General Manager Kent Morgan and their Supervisors, and by Controller Howard Bleser and Cost Accountant Dave Young, representing the Cost Reduction Program Committee.

To date, nine CRP awards have been won by employees through our pilot Cost Reduction Program. It is estimated that the first nine suggestions adopted so far will result in an annual cost savings of \$22,800 for the company.

BOB MOORE, Systems Assembly Technician, is a double winner. His two suggestions brought him cash awards of over \$320. Bob's first suggestion was the design of a movable rack for quick-look inventory and stocking of SWS parts for mechanical assembly of SWS system racks. This suggestion won an initial award of \$279.20.

Moore's second winning CRP suggestion was for modifying a metal plate at the back of an EXPRT module, to allow for easier access to the cabling. For his second suggestion, Bob received a one-time award of \$50.

(Cont'd on Page 6)




Bob Moore (left) and Supervisor George Phillips, with movable rack for SWS parts. Bob's CRP suggestion won an initial award of \$279.20. Bob also won a \$50 one-time award for a second suggestion.

INTRODUCING THE EMPLOYEES IN PERSONNEL --

PERSONNEL . . . AND OTHER RELATED DUTIES

The Personnel Department's responsibilities include daily activities in employee relations, benefits, recruiting, safety, wage and salary administration, equal employment/affirmative action, communications, and arranging for company-sponsored activities.

Along with providing services to employees, the Personnel Group aims to promote an open and congenial work atmosphere throughout the Division, with opportunities for all employees to ask questions and make suggestions. Through continuing communication, we can achieve better understanding and closer agreement in matters of concern to employees.



Linda McKinney, Personnel Director



Garry Gierlicz, Personnel Representative; Linda McKinney, Personnel Director, and Bruce Johnson, Personnel Representative.



Occupational Health Nurse Debbie Graham, with Benefits Coordinator Wendy Schroyer.

SUMMARY OF SERVICES

(Keep this handy checklist for reference)

Affirmative Action	Garry Gierlicz
Ads	Margaret Herbst
Applications	Linda Walker
Badges	Linda W
Bulletin Boards	Margaret/Chris Ross
Cafeteria	Linda McKinney
Changes (address, bank, etc.)	Linda W/Alma Sanger
Communications	Margaret
Community Relations	Linda M
Consumer Reports (Credit Union)	Lillian Conway/Janice Boldt
Counseling (job, personal)	Garry/Bruce Johnson/Linda M.
Counseling (health, medical)	Debbie Graham
Counseling (retirement)	Wendy Schroyer
Credit Union--loans, savings, insurance	Lillian/Janice
Direct Line	Margaret
Discount Cards--Disney, Busch, Sea World, etc.	Alma
Educational Courses	Garry
Employee Records	Linda W/Alma
Employment--hourly, nonexempt	Bruce
Equal Employment Opportunity	Garry
First Aid	Debbie
Guards/Plant Security	Linda M
Health/Safety Education	Debbie
Insurance	Wendy
Job Posting	Bruce/Linda W
Life Insurance	Wendy
Long Term Disability	Wendy
Medical Insurance	Wendy
New Employee Orientation	Linda/Alma
Notary	Alma/Lillian
Parking Stickers	Linda W
Pension Plan	Wendy
Performance Reviews	Linda W/Alma
Personal protective equipment safety glasses, etc.	Debbie
Personnel Policies	Linda M/Bruce/Garry
Plant Security	Linda M
PULSE	Margaret
Reception, Lobby	Chris Ross/Donna Roth
Recruiting--Exempt	Garry
Recruiting--Manufacturing Exempt Hourly and Nonexempt	Bruce
Safety	Bruce
Safety Equipment	Debbie
Safety Shoes	Bruce
Service Awards	Margaret
Short Term Disability	Wendy
Stock Purchase Plan	Wendy
Supplemental Income Plan	Wendy
Telephone Operator	Donna/Chris
Telex/TWX	Chris
Temporary Badges	Donna/Chris
Training	Bruce
Traveler's Checks (Credit Union)	Lillian/Janice
Tuition Refund	Alma
Verification of employment	Linda W/Alma
Wage & Salary Administration	Garry
Worker's Compensation	Debbie

Janice Boldt	Ext. 535	Linda McKinney	525
Lillian Conway	535	Chris Ross	"0"
Garry Gierlicz	524	Donna Roth	"0"
Debbie Graham	559	Alma Sanger	353
Margaret Herbst	401	Wendy Schroyer	526
Bruce Johnson	553	Linda Walker	251

PERSONNEL & OTHER RELATED DUTIES (Cont'd)



Lillian Conway and Janice Boldt, of the Credit Union.



Donna Roth and Chris Ross handle switchboard, telex and reception duties.



Communications Coordinator Margaret Herbst, Department Secretary Alma Sanger, and Employment Secretary Linda Walker.

LEE COUNTY ELECTRIC CO-OP ORDERS RECON III SYSTEM

A new contract for a RECON III Supervisory Control System has been awarded to our Industrial Systems group by the Lee County Electric Co-op, North Fort Myers. The contract is valued at over \$700,000.

Our system will control and monitor substation electric power distribution and transmission for the Lee County Electric Co-op, which includes Sanibel, Captiva and Pine Islands. The Lee County Electric Co-op is one of the largest Rural Electric Association members in the country.

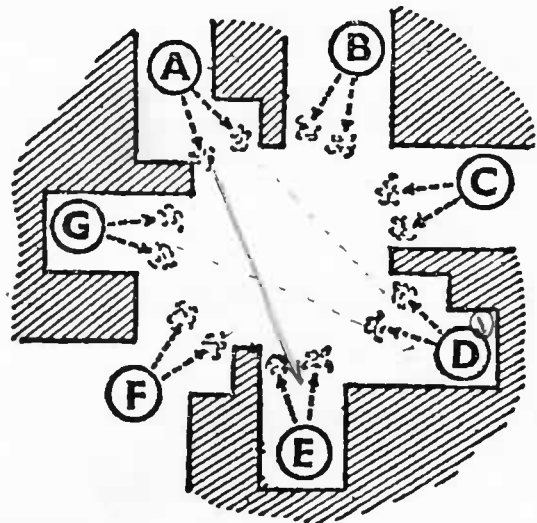
The Supervisory Control and Data Acquisition System includes a dual-computer master station and 21 remote stations. Delivery is scheduled for April, 1982.

QUALITY QUIZ - DEATH CANYON

The hot midday sun was rising over the main street of Death Canyon as the seven rustlers swaggered out of the whisky parlour, each to take up what he considered to be the best strategic position for the gun-battle which was soon to commence.

Andy, Billy, Charlie, Dick, Eddie, Ferd, and Gunnie were preparing to shoot it out, and the map below shows the positions they chose. Each man was in a position from which he could take a bead on just two of the others, and without budging from these spots the seven of them blazed away. Dick was the first to fall, plugged by a shot from Andy who was the sole survivor of that fearful day.

Who shot whom, and in what order did the victims fall?



(Contributed by Joel Stewart, of Quality, from his collection of brain teasers.)

... Give your answer to your friendly Quality Representative, and you may be one of the three lucky winners of a free lunch in the Cafeteria. Answers must be received by May 14.

CADDS TRAINING

Twenty-nine employees have enrolled in special training classes to learn more about techniques of computer-aided design and drafting and how to utilize our own advanced Computer Aided Design & Drafting System equipment. Greg Purdom, CADD Supervisor, is teaching two CADD classes, Mondays and Thursdays, from 5 to 9 p.m., for eight weeks.



Employees learning about Computer Aided Design & Drafting include these student teams shown at Graphic Work Stations in our CADD facility: Mauri Calvert and Darrell Powell in background; Al Marion and Paul Stryker, in foreground; and Instructor Greg Purdom, standing.

This introductory course, taught in cooperation with the Sarasota Vocational Technical School, gives employees an opportunity to become more knowledgeable on this advanced, state-of-the-art equipment and the computer techniques involved. Students divide their time between classroom instruction and hands-on training with our CADD equipment.

Computer-aided design is useful in rapid, automated design of printed circuit boards, in the design of more complex mechanical parts, and can help to solve difficult design problems.

Jon Brown, Manager of Systems Engineering, and Greg Purdom and Personnel Representative Bruce Johnson did the coordinating for the CADD training. Additional introductory and intermediate CADD courses are planned in the future. For further information on the courses, call Bruce Johnson in Personnel.

CONGRATULATIONS !

BOB VANDER VLIET (Drafting) married Lisa Shearer on April 4, in Sarasota.

BECKY NUTTER (Payroll) married Jerry Tucker on April 17 in a garden wedding in Sarasota.

ADALINE SOTOMAYOR (Burn-In) and GREG WILLIAMS (Machine Shop) were married on April 11, in Sarasota.

DEMITRIUS TAYLOR (Stock Room) and her husband Johnny Lee Taylor welcomed their baby girl Kesha Shanee on April 21, at 6 lb. 8 oz.

RICK PHILLIPS (Fairchild Weston Systems, Service group, Canton, Mich.) and his wife Joyce are the proud parents of a son, Jonathan Michael, born April 15, 6 lb. 15 oz.

SWS ORDERS NEW UNITS AND MORE CSU SYSTEMS

The most recent order from Schlumberger Well Services, Houston, for over 100 Cyber Service Units was received during the first quarter of 1981. These units are scheduled to be delivered in 1982.

"When added to orders received since we began building CSU systems in 1978, this newest order will make a total of over 400 SWS Cyber Service Units built here." said Frank Bloechl, Program Manager for SWS Projects.

A new Schlumberger Well Services order has also been received recently for a quantity of 40 RFT Systems. RFT stands for Repeat Formation Testers. This system includes three units used in conjunction with a downhole tool to measure pressure in the formations, while drilling for oil and gas. A small probe in the downhole tool is pushed into the formation and the liquid or gas pressure is recorded and sent to the surface for the RFT to analyze.

The three units are: Repeat Power Panel (RPP); Repeat Formation Panel (RFP), and Repeat Voltage Panel (RVP).

ARGENTINE SYSTEM SHIPPED

This giant new Sangamo Weston computer-controlled telemetry flight test system has been shipped to Argentina for installation at Cordoba, Argentina, for the Argentine Air Force. The system is valued at over \$1,000,000.



Pictured with part of the Argentine flight test system are: Russ Phillips, Tom Olsen (standing); Hal Roberts, seated; Herb Larrabee, standing, and Ken Slezak, seated at right.

Featured in the system is one of the first RTDMS (Real Time Data Monitor System) software packages to be delivered to a customer, as well as a new Model 714-03 Data Compressor to work with the new computer software.

Project Engineer Hal Roberts and Lead Technician Russ Phillips are scheduled to go to Argentina to install the system in the near future. Also working on this System were Tom Olsen, Technician, and Software Team members Herb Larrabee, Ken Slezak, Beth Phillips, Bill Doe and Kathy Bossert.

RUNNERS COMPETE ON MAY 2

Two Sangamo Weston teams will compete in the Phillippi School three-mile Team Challenge Run on Saturday, May 2, starting at 8 a.m., at The Landings, South Trail, near Phillippi School.

Our Company-sponsored teams will compete against the teams from other companies and clubs to benefit Phillippi School projects. Each team consists of three runners. Each runner will run for three miles, and the lowest composite team wins.

One Sangamo Weston team, representing management, includes Charles Blake, QC Fab Inspection; Bob Rosa, Production Assembly; Larry Wells, Contract Administration. The second team, representing the Fab Shop, includes George Swain, Paul Waldmann and Bill Whaley.

Spectators and rooting section will be welcome to cheer our teams on to victory.

HAPPY ANNIVERSARY !

Congratulations to six employees observing major service anniversaries during April.



Ron Connolly (25 years); Charlie Flatley (30 yrs.); Jim Stein (25 yrs.) and Barry Campbell (5 yrs.)

Pictured below are Mel Johnson, Solartron, Calif., and John Ingro, Fairchild Weston Systems, Albuquerque, N.M., both completing five years of service in April.



Mel Johnson



John Ingro

DELI TREATS COMING

Made-to-order super sandwiches will be coming soon in our Cafeteria to add to the variety of reasonably-priced lunches available for employees.

Wometco Cafeteria personnel will have a Deli counter where sandwiches will be made to your order. For example, you can have your sandwich plate made up of corned beef, or ham, on your choice of a variety of breads and rolls, with potato chips and pickle. The Deli Counter is on order and should be arriving soon.

SPACE SHUTTLE PROGRAM USES OUR EQUIPMENT

NASA's perfect Space Shuttle mission this month won cheers from Data Systems Division employees--especially those who recall our active role in many manned space flights in the past, such as Mercury, Gemini, Apollo, and Skylab.

A considerable amount of EMR/Sangamo Weston equipment delivered to NASA and NASA contractors over the past 20 years is still operating at various NASA testing, training and launch sites. Some equipment delivered during recent years is at work on the Space Shuttle program.

A Sangamo Weston four-rack PCM system, delivered to Singer, Binghamton, N.Y., in 1977, is used to gather data from the Space Shuttle Simulator, at the Johnson Space Center in Houston. Included in the system are Model 720's and Model 711's. The Simulator helps train Shuttle pilots in takeoff, flight and landing maneuvers. Steve Hoff (Data Recorder Sales, Texas) reports that Six Sabre III data recorders and one Sabre IV are used to record simulated flight data and the Astronauts' reactions to different situations during the Simulator training in Houston.

Other Data Recorders being used on Shuttle tasks, according to Steve Hoff, include three Sabre IV parallel High Density Recorders in Building 30, Mission Control, in Houston. These units (operated by Ford Aerospace) record real-time flight data out of the Shuttle Spacecraft. Also in Houston are three Sabre IV Recorders in Building 49, Acoustics Test Facility, recording results of acoustics-vibration testing on various parts of the Space Shuttle.

More Sangamo Weston equipment helps in pre-launch checkout and in Space Shuttle program support. At TeI-IV (Telemetry Site IV) at Cape Canaveral, technicians are using three Model 708 PCM Processors in support of Space Shuttle.

At the Kennedy Space Center, Model 708 PCM Processors and a Model 600-series data acquisition system are now being used on the Payload Canister Transporter, in connection with the experiments to be launched on future Space Shuttle missions. The Transporter is a 48-wheeled, self-propelled truck (65 feet long and 23 feet wide) which carries the Canister providing environmental protection for the various future Shuttle payloads -- experiments, satellites, etc.

Our equipment is part of the instrumentation and communications subsystem which helps monitor and display the many channels of data about the Canister environment and the Transporter-- vibration, shock, temperature, etc. Also in the same instrumentation cab on the Transporter is a Sabre VI, to record the data.

Future Space Shuttle payload experiments will include earth resources experiments, such as OSTA-1. (OSTA stands for NASA's Office of Space and Terrestrial Applications.) The payload (experiments) will be sealed inside the Payload Canister and transported to the Orbiter Processing Facility for installation in the Space Shuttle Columbia, perhaps for the next Space Shuttle mission in Fall, 1981.

FOUR CRP CASH AWARDS WON BY THREE EMPLOYEES

(Cont'd from Page 1)

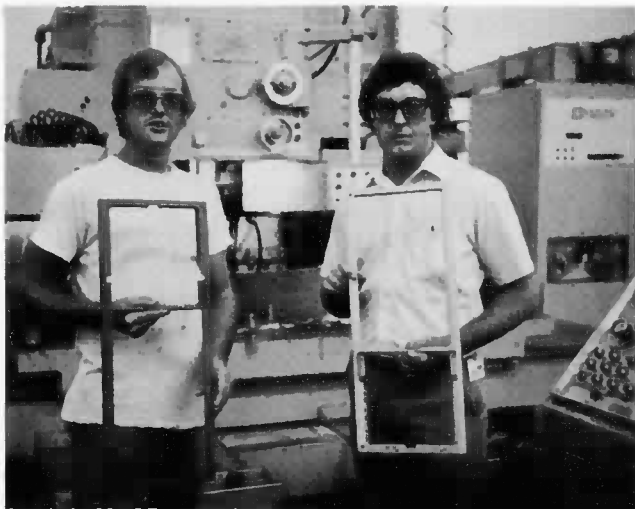
GARY HELLARD, Machinist, won an initial Cost Reduction Program award of \$61.30, for his suggestion of an improved method of producing two Data Recorders parts, called side frames. Gary proposed using sheet metal stock and machining the part to the dimensions required, rather than using the castings purchased outside. The suggestion is expected to improve quality, reduce machining and handling time, and make for more economical production of the parts.

BOB GRADOS, Machinist, suggested an improved method of producing a locking screw gear. By using single point boring on an automatic machine, instead of drilling and reaming on a manual lathe, the parts can be produced faster, more economically, and with better quality. Bob Grados' initial award is \$95.

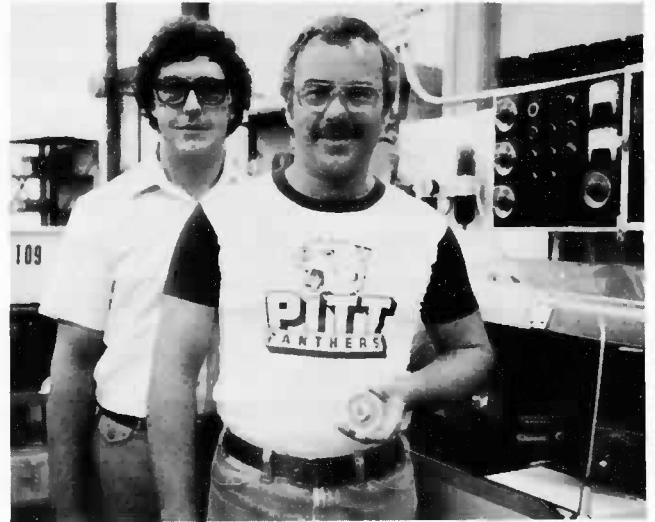
Cost Reduction proposals are reviewed by a technical evaluation team, and awards are given for those suggestions which improve productivity, quality, and are cost savings. Awards equal 10% of the cost reduction for the first year of operation. The monetary awards are split into two parts. The initial part is based on an estimate of the first year's savings. The second portion is based on the savings actually experienced after a year of operation.

A special one-time incentive award of \$50 can also be presented for worthwhile CRP suggestions which have no long-term measurable cost savings, but which benefit the Company's operations and our customers.

A special CRP Coffee Cup is also presented to each CRP award winner. If an employee has made a bona fide CRP suggestion which was not adopted, he or she is also eligible for a CRP Coffee Cup recognition award, for a maximum of two cups per year.



Gary Hellard (at left) and Supervisor Jim Kiser display Data Recorder side frames. Gary's suggestion for an improved way to make these parts won him an initial cost-saving award of \$61.30.



Bob Grados (at right) and Supervisor Jim Kiser. Bob holds a locking screw gear. His suggestion for improved production of the gear won Bob an initial CRP award of \$95.

EARLY RETIREE



Marie Smollar left her position as Systems Technician on April 24 to become one of our Early Retirees, after more than 18 years of service. Marie and her husband, Joe, expect to build their new home in the mountains of Blairsville, Ga. Marie plans to have some horses for riding and raise some foals. She will also help her husband grow orchids and fresh vegetables in their garden, plus doing some traveling and fishing.

Marie joined us in 1962 and advanced from Assembler to Technician. Her family includes three daughters, a son, and six grandchildren. All the best, Marie.

PERFECT? ... ALMOST !

Bob Dietz, of Systems Assembly, bowled a 287 on April 1 (no foolin') in the Sangamo Weston Bowling League. Bob reports he has actually bowled three perfect 300 games -- but always in practice games, never in league play.