



The EMR-Telemetry News
Sarasota, Florida

Vol. VII, No. 12

JULY, 1973

JAPANESE ORDERS TOP MILLION DOLLAR MARK

Over a million dollars worth of EMR-T equipment has been ordered for use on Japan's national space program, according to Gerry Breyton, Export Sales Manager. The series of orders includes ground systems consisting of EMR FM, PAM/PDM, and PCM equipment.

Japan's National Space Development Agency is mounting a sizeable peacetime space effort, involving scientific and communications satellites, launch vehicles and launching facilities.

EMR's equipment will be used in support of the satellite experiment systems in the Japanese space program; in checkout of the launch vehicle during manufacture; and pre-launch checkout in the blockhouse at the launch facility at Tanegashima, in Japan.

Breyton commended Marubun Corporation, EMR's representatives in Japan, for their support of our marketing efforts. Marubun recently received an Award of Merit from the U. S. Department of Commerce's U. S. Trade Center, Tokyo, in recognition of outstanding service "in the interests of the U. S. export expansion program."

"EMR is happy to do our part in helping the U. S. balance of trade," Breyton said.

EMR's efforts on these projects will be
(cont'd in next column)

COMPLETE COURSE

Six members of our Design and Drafting group have completed a special three-months course on Printed Wiring Design. The class, taught by Lead Designer Bill Salter, provided considerable printed wiring background for individuals who are involved in printed wiring art work but have not designed P. W. boards.



Manager of Product Design Bob Jones (at far right) joining with Supervisor E. A. Bailes and Instructor Bill Salter (both at left) congratulate the graduates; Ed Tafelski, James Graham, Skip Brawn, Dan Eckroad, Harold Leslie, and Ron Basham.

JAPANESE ORDERS (cont'd)

under the guidance of Roy Paxton of R & E. Roy and Gerry visited Japan early this month to finalize design details of the systems.

"We will have a number of Japanese visitors in our plant later this year for training on our equipment," said Breyton, "and EMR personnel will be visiting Japan again to help install the equipment."

WE CARE

SHARING SURPLUS

When EMR-T disposes of surplus supplies, some of our neighbors in the community get to share in the benefits. Surplus components, breadboards, etc., were donated to the Manatee County School system's electronics program recently. Used, surplus notebook binders and other office supplies went to the Sarasota County School system. EMR employees, too, benefited from surplus equipment sales recently.



Dan Toler (left) helps Tom Turner of the Sarasota County School system move out surplus office supplies.



Lee Davidson (left), head of the Electronics Department of Southeast High, Bradenton, picks up some breadboards and electronic components which his students will use.

EMR-T. TO BUILD SWS OIL WELL LOGGING EQUIPMENT



Signing the contract with SWS are (seated) George H. Thomen, Manager of Purchasing for SWS, and Royal Bechtold for EMR. Standing, Norman Siegel, Paul Milo, Frank Bloechl and Bill Black.

Schlumberger Well Services, Houston, Texas, has awarded EMR-T a contract to manufacture a quantity of sophisticated oil well logging tools used in the world-wide search for oil.

The contract, valued at nearly \$500,000, consists of Microlog Proximity Cartridges, Microlog Proximity Panels, Proximity Dummy Sondes, Sonde Test Boxes, and Tension Device Panels.

The Tension Device Panels are mounted in Schlumberger logging trucks which travel to the oil well drilling site. They are used to measure the tension of the cable which supports the sonde lowered into the exploration hole.

The Microlog Proximity Cartridge goes down into the hole and together with the M. P. Panel determines the strata characteristics down-hole. The Proximity Dummy Sondes and Sonde Test Boxes are test fixtures and devices used in testing the other equipment.

Fabrication, Assembly and Test are all involved in this contract. Delivery begins this fall and will extend to mid-1974.

COMPUTER TIME - SHARING AVAILABLE IN-HOUSE

A new time-sharing computer capability is now being installed for use by EMR-T engineers in-house.

Two large computer systems (GE and CDC) will be on call via telephone and a teletype input in a special room in the Engineering Building.

The computer time-sharing capability makes it possible for EMR-T technical personnel to use these large computer systems 24 hours a day, 7 days a week, for general, scientific, engineering, or business applications.

"We pay only for the time we are actually on-line," says Bill Bennett, head of our Software Development group. Through time-sharing the user has access to computer facilities worth perhaps millions of dollars for a relatively small charge.

GE's system, located in Daytona, Fla., provides basic, easy-to-use "foreground" computation capability. The CDC computer system is called Cybernet, with computer facilities in Rockville, Md., Houston, Texas, and back-up in Minneapolis. The Cybernet system provides even more sophisticated computer capability for more complex analyses via background operations such as high-speed printing and graphics output packages.

NEW FACES...

There are some attractive new faces in our Employees Credit Union:

- Diane Watkins is now Credit Union Clerk, having transferred from Production.

- Bettye Bunn (Accounting) is the new Credit Union Treasurer.

- Nancy Gibson (daughter of Bill Gibson, one of our Production Foremen) is now part-time assistant in the CU office.

EMPLOYEE BENEFITS...

EMR-T Employee Benefits amount to better than

27%

of our regular annual payroll.

Those "extras" we tend to take for granted -- pension, growth plan, group insurance, holidays, vacations, sick leave, employee parties, etc. -- averaged over \$2,800 per employee in 1972.

BRYANT RECEIVES DEGREE CUM LAUDE

Congratulations to Dave Bryant, of Engineering, who was awarded an Associate in Arts degree, cum laude, from Manatee Jr. College in May after 3-1/2 years of intensive study.



Dave Bryant

A science major, Dave completed the requirements for his degree by attending classes at night. He joined EMR in 1960 as a Junior Test Technician, and is currently a Senior Engineering Technician in Applications Engineering.

1510 ORDERS ROLL IN

Cephus Mason, of our California Field Sales Office, logged the first domestic order for our new Model 1510 Spectrometer. The order, from Boeing, Seattle, was placed only four days after the new instrument was demonstrated.

Six additional customers have placed their orders for the powerful new Spectrum Analyzer which sells for \$8,800. Initial production units have already been shipped.

EMR FAMILIES ENJOY PICNIC AT ROYAL COACHMEN RESORT

Good weather... EMR friends and families... food... beer... swimming... golf... horseshoes... shuffleboard... bingo... Ping-Pong... prizes... an ideal location at the Royal Coachmen Resort in nearby Laurel... made for a highly successful EMR Picnic last month. Here are some views:



A PRIZEWINNER!
Eddie McDonald



"You can really relax
at these EMR picnics!"



SIMFIRE CONTRACT AWARDED TO EMR-T

EMR-Telemetry has been awarded a contract valued at \$750,000 by the Naval Training Equipment Center, Orlando, to provide simulator systems for tank crew training for the Army Training Device Agency.

The contract calls for design, construction and test of development models of a direct fire weapon simulator, designed to simulate the main armament of the U. S. Army M60A1 Tank.

This design is based on the very successful SIMFIRE tank fire simulator designed and built by our sister company, Solartron, of Farnborough, England, for over 13 countries. EMR's version is called the XM56 Hit Kill Indicator (HKI).

In order to meet U. S. Army requirements, a number of modifications are necessary. These changes will be incorporated in the 8 development models to be delivered early next year for field and lab qualification testing by the Army. Satisfactory completion of qualification testing is expected to result in production quantity procurement of HKI devices.

Last year EMR supplied six modified SIMFIRE equipments to the U. S. Army for Military Potential Testing. Results of these tests verified the great training potential of the SIMFIRE concept for gunnery and tactical training of tank crews.

COACH RANDY

Randy Mitchell, of Engineering, guided his Babe Ruth League baseball team to winning position and was named Coach of the All-Stars team (13-15 year olds) which competed in the BRL tournament last week in Fort Myers. His team just missed capturing the Tourney title.

HAPPY ANNIVERSARY !

Here are some of our employees who observed service anniversaries recently. Don Parker heads the list with his 20-year anniversary with the company on June 29 (see separate story about Don.) Five, 10 and 15-year anniversaries include:

APRIL-MAY



Observing 10th anniversaries in April were (seated): Dorothy Martin, Audrey Borzykowski, Joe Vargha, Clarence King, Mike Gerack and Mary Brown. Standing: marking May anniversaries were: Joe Lehmann (15 yrs.); 10 years: Lucille McGahee, Laurel Riley, Chris Papastrat, John Brisbin, Jean Wernet, Burt Ekis. Missing from photo is Bud Lang.



At left, Roland Olson who marked his 15th service anniversary in April.

In addition, Roger Mort observed his 5th anniversary with EMR.

JUNE-JULY



10-year anniversaries were observed in June and July by: Roma Parker, Pat Bowers, Barbara Ames, Hubert Cashmore, Edythe Himes and Caryl Faso. Missing from photo: Annie Smith, Dorothy Smith, Bill Doe, and Graham Hildebrand.

In addition, five-year service anniversaries in June and July were:

June: Simon Ford, Joanne Mixon, Paul Weller

July: Jerry Apple, Gail Greer, Terry Honeycutt, Gerry Radwell, Jon Thompson, Bill Waggener

more picnic pix --



EARLY RETIREE

Vida Jarrett, long-time EMR employee, said goodbye to her colleagues recently in order to take early retirement and move to Kentucky. She is now our 8th retiree.



Vida Jarrett

Vida joined EMR in 1957, progressing from Junior Assembler to Inspector in Quality Assurance. Her activities in Receiving Inspection included X-ray, material inspection and high reliability screening and special component testing.

Vida's many EMR friends sent fond good wishes with her when she departed on June 15.

GOLFERS HAVE FUN

EMR-T golfers met in a tourney at Capri Isles, Venice, on July 14. Winners were:

Low Gross: Skip Bailes - 77
Dan Eckroad - 87

Low Net: Caryl Faso - 62
Carl Weinrich - 72

Other winners shared in the prizes and five dozen golf balls.

LOBBY ART A SUCCESS

Our mini Art Gallery in the Administration Building lobby has proven to be a huge success. Ten paintings have been sold to EMR-T employees, including W. T. Long, Clarence Byrd, Bob Klessig, and Georgette Busick. The paintings are shown through the cooperation of the artists and the Sarasota Art Association.

-- Georgette Busick -7-

DATA PROCESSING DEPT. INSTALLS NEW EQUIPMENT

A new IBM System 3 Model 10 Computer has been installed in Accounting's Data Processing Department, replacing our older IBM System 360.

The new System 3 provides twice the on-line disk storage with the same processing power -- and at a 20% lower monthly rental. The later-generation machine also enables us to utilize newer technology.

Our Key punch Operators are now in newly rearranged quarters in a room adjoining the computer room.

Reduced rental for the System 3 machine is providing funds for new Data Processing systems and programming personnel, making it possible to provide additional services to all EMR-T organizations. A long-range EDP plan is now being implemented to provide data required by various departments, with priorities established on a basis consistent with EMR-T needs and plans.



Dale Dennis, Owen Levensgood, Gordon Woodhams and John Francis with new System 3 Model 10 IBM Computer.

PULSE - The EMR-Telemetry News
M. E. Herbst, Editor

Permission to reprint material herein may be obtained from the Editor, Pulse

COPYRIGHT © 1973 EMR TELEMETRY, WESTON INSTRUMENTS, INC.
A SCHLUMBERGER COMPANY

who's who

DON PARKER MARKS 20 YEARS WITH EMR

It was 1953--before EMR moved to Sarasota--when Don Parker first joined EMR.

"We had a total of 50 people in an old three-story house in Ridgefield, Conn., in those days," Don relates. His EMR career progressed from Test Technician to General Foreman to Employment Representative in Personnel, and to his current position of Supervisor of Material Control, heading a group of 20 employees.

Among his interesting assignments was heading up our World Wide Range Assembly and Test operation during '63-'64.

On active Navy duty from 1957 to '59, Don was in the Navy Security Group in Adak, Alaska, and then at Guantanamo, Cuba.

"Talk about contrasts," Don says. "On Adak we lived indoors, with underground tunnels connecting the buildings. The sun came out twice for an hour during the whole year! At Guantanamo there was lots of sunshine, but when Castro took over our water supply was cut off."

Don believes in continuing his education "to keep flexible." He has degrees from Westchester Community College and Manatee Junior College, in electronic technology and in industrial and business management.

Don's hobby is old cars, and he recently finished a master auto mechanics course. He has sold his old Jaguar, but still has an antique ('52) Chevrolet which he uses to commute to work. He also built his own Heathkit 25" color TV set.

Don and his wife Dolores are the parents of Pamela (14), Don II (12), and Derek (8). Don is 1st VP of the Kensington Park Civic Association; secretary for the Peninsula Investment Club, and Assistant Scout Master for Troop 103.



Don Parker (second from left) receives congratulations plus a service pin and Accutron watch from (left to right) Sam Gray, Norman Siegel, Vice President W. T. Long, and R. C. Brogan.

Returning to his "flexibility" theme, Don says, "I find the educational environment very healthy in helping me stay flexible." And staying flexible is a good way to start a second 20-year stint with EMR!

IMPROVING PW FAB AREA

A major improvement project in our printed wiring fabrication facility is now underway at the west end of the Production Building. A new dark room has been completed, and additional improvements will be made in working conditions as well as more efficient work flow layout.

Better air conditioning; trunk ducts for exhaust of fumes and heat; improved electrical circuits; central dust collectors for drilling/routing area; acoustical ceiling to absorb sound; painting, etc., are included in the scheduled improvements. The four-phase project will continue over the next several months.

Most of these improvements are being done by our hard-working in-house Plant Engineering and Maintenance personnel.