

# PULSE

EMR



The EMR Telemetry Division News  
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## MOODY NEW MANAGER OF SYSTEMS MARKETING

After six years with the Photoelectric Division, Bill Moody has returned to Sarasota to become Systems Marketing Manager at the Telemetry Division. Bill and his group are responsible for marketing of telemetry systems, data processing systems, and space experiments. They will provide technical liaison between systems customers and EMR systems engineering, and will also supply systems marketing data to the Telemetry Division.

Bill Moody joined EMR in 1957 as an engineer in the EMR Systems Department. He was Project Engineer on the Titan I airborne telemeter, more commonly known as the "Martin Package," and later was Systems Engineering Section Head. Bill went to EMR's ASCOP Division (now Photoelectric Division) in Princeton, N. J., in April, 1960, and became Manager of the Custom Engineering Department. Since December, 1963, he has been Marketing Manager of the Photoelectric Division.



William N. Moody meets with his new Systems Marketing group. Left to right, they are W. W. Blair, Moody, R. I. Bell, R. F. Higginbotham.

A long-time chess enthusiast, Bill and his chess board, his wife Jeannie, and their six children (ages 3 to 17) have moved into a house in Oyster Bay.

Active in community and church affairs, the Moody family is welcomed back by Sarasota and all their old friends at the Telemetry Division.

### REMEMBER THE HALLOWEEN DANCE

Social Club's gala costume ball is tomorrow night at the National Guard Armory on Fruitville Road, from 9 p. m. to 1 a. m.

## JOB STUDY COMPLETED

A major job evaluation program, which has been underway since late 1965, is now complete. "Office" and "Specialist" categories were established to permit proper evaluation of administrative, clerical, and some technical jobs. Supervisory, hourly, and technical job families were reviewed and adjusted earlier this year.

For specific information about how your job may have been affected by the evaluation program, see your supervisor.

## INSURANCE . . . IF MEDICAL EXPENSES MOUNT

Editor's Note: In the last two issues we described the new emergency room coverage and the inclusion of surgical fees and most related expenses in Type I coverage.

Type II coverage is for most medical expenses, other than hospital and surgical charges, which are not considered Type I expenses. Type II coverage has a deductible of 1% of annual earnings, with a minimum deductible of \$50.

Medical expenses included under Type II coverage are: physician's charges for treatment of non-occupational accident or disease; charges for care by a registered graduate nurse; drugs and medicines prescribed by a physician; rental of durable medical equipment such as wheel chairs, iron lungs, etc., up to the amount of the purchase price. Also included in the medical expenses coverage is ambulance service to transport an individual from the place where he is injured or stricken by a disease to the first hospital where treatment is given.

To obtain reimbursement for medical expenses under Type II coverage, your deductible must be established within a 90 consecutive day period. This means Type II medical expenses over the amount of 1% of your annual earnings must be in-

## HAPPINESS IS . . .

Here is a new feature for Telemetry Division employees. What is happiness at EMR? A lot of different things. Pat Power came up with the idea. Try your hand at it, and send your "Happiness is" items to PULSE, Mail Stop 11.

HAPPINESS IS. . .

- .. catching Bob Ireland without his badge.
- .. an up-to-date phone directory.
- .. quick reflexes at the water fountain.

curred in a period of 90 days before you are eligible for insurance benefits on that type of medical expenses. Once the deductible has been established, insurance benefits will be paid at a rate of 80% on medical expenses in excess of the deductible for the remainder of that calendar year in which the 90 day period ends.

Save your receipts and copies of itemized bills. They will help you to determine when your deductible has been reached and when you can expect to receive insurance benefits for Type II expenses.

Next Issue: Special Conditions

## SOCIAL CLUB REQUESTS WRITE-IN NOMINATIONS

Proposed nominations for EMR Social Club Officers for 1967 will be posted on bulletin boards Monday, October 31. Ken Eden, Chairman of the Social Club Nominating Committee, urges all Social Club members to participate in the nominating procedure by writing in the names of other suggested candidates for office. Space is provided on the posted notice for write-in nominations.

## UNITED APPEAL CAMPAIGN

Telemetry Division employees will have an opportunity to contribute to the United Appeal through voluntary payroll deductions. Bob Ireland, Manager of Security and Services, is in charge of the United Appeal solicitation among employees, and promises that cards and literature will be distributed with payroll checks to all employees on Friday, November 11.

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Personnel and Services  
M. E. Herbst, Editor

## A TELEMETRY DIVISION AD.... BEFORE AND AFTER



On the left, the work crew. On the right, the finished product. A new series of Telemetry Division ads on the theme, "Telemetry and the Ages of Man," will spotlight the EMR 2700/4000 Series telemetry data processing system in aerospace publications over the next eight months. The heavy rack of equipment was hauled to several Sarasota locations before the final selection of the Ringling Museum of Art courtyard to illustrate "Renaissance in Telemetry."

Shown taking a breather while the photographer prepares to snap the picture, are Luke Brendle, John Talbot, Ned Buck, Larry Stracener of the Ad Agency with his photographer and assistant; Elton Cookson, Dino Auteri, and Starr Baisley. Watch for the ad in November issues of Astronautics & Aeronautics and Aviation Week & Space Technology.

### COMPUTER-TELEMETRY MARKETING MEN MEET

Marketing men from the Telemetry and Computer Divisions met in Chicago on Thursday night and Friday, October 20-21, to expand their knowledge of the two Divisions' products, capabilities, and people.

Marketing Managers D. T. Jarvis and C. B. Husick set the theme for the meetings, drawing heavily upon the experience gained by the two Divisions in their joint success in winning the C-5A Lockheed-Georgia contract award.

"EMR has a unique combination of capabilities in the telemetry and computer groups," says Chuck Husick. "Ours is the only company which has the combined

capability to handle telemetry data acquisition as well as the data processing, and continuing coordination and cooperation between the two Field Sales and Marketing groups will result in increasing market success for EMR."

Computer Division attendees were: Dom Bitteti, Bill Bogut, Ed Cooper, Frank Cvetic, John Doede, Brian Keane, Carl Larson, Cliff Love, Julian Mathis, Charles Meerschaert, and Dan Neary.

Hans Domabyl, representing Schlumberger Overseas, Munich, Germany, and Ken O'Neil, Corporate representative, also attended.

Telemetry Division was represented by Gerry Breyton, Mort Cohen, Art Kelley, Don Mahoney, Cal Morton, Don Pond, John Sherman, Pete Smith, and Gerry Walters.

## SKILL AND PATIENCE NEEDED FOR COMPLEX WIRING

If you've ever had trouble threading a needle, don't apply for a job in Assembly to wire wrap connectors in the new EMR 2700 series drawers.

Our highly-skilled production workers are hard at work interconnecting thousands of fine wires to thousands of tiny pins in the first production units of the 2790 Signal Simulator. (A simulator furnishes the signal for operating ground equipment in a data processing center.)



Jeanne Thatcher uses a battery-powered wire wrap gun to connect 30 gauge wire to the tiny connector pins for the printed circuit cards. Three trays are shown.

Tiny pins and fine wire? Just imagine an old-fashioned wire hair brush. Pretend you are going to connect each separate wire bristle to another specific wire bristle by using a wire the thickness of dental floss. Then add the specification that the dental floss must be wrapped around each wire bristle eight to 10 times, no more, no less. Now, multiply the whole procedure 20 times in your imagination. There you have an oversimplification of the difficulty of assembling just one part of a new product.

The maze of 4400 wires connected to 6000 pins in one drawer is an impressive sight. But even more impressive is the dexterity

of each operator using her wire wrap gun to wind eight to 10 turns of fine wire around each of the pins. George Keegan, Supervisor in Standard Products Assembly, points out that the pins are in staggered rows, approximately 1/8 inch apart. (That's .150 staggered grid spacing, if you want to get technical!)

How do you know which wire goes to which pin? Engineering information is fed into the Telemetry Division's EMR computer. The computer prints a wire list which the Assembler uses to determine what length of wire should be used to connect this pin to that.

Wire wrap technique is not new at the Telemetry Division. It was used on Gemini and MSFTP-1 (World Wide Range) Program systems manufactured by EMR. But the new 2700 equipment is more advanced and of later design.



Complex wiring requires Mary Jane Douglas' careful attention in the wire wrap technique shown here in the 2790 drawer. Up to three wires are attached to each pin.

HAPPINESS IS...

.. discovering there really is a Joe Wood.  
.. getting too much change from the coffee machine!