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WILLIAM T. LONG NAMED EMR-T GENERAL MANAGER

W. T. Long

William T. Long has been appointed Vice President and General Manager of EMR-Telemetry effective July 1 according to an announcement by John E. Rhodes, Executive Vice President of Schlumberger Limited. Mr. Long reports to Henry Lehne, Vice President of Schlumberger Limited.

Mr. Long succeeds Leo G. Chappell who has been promoted to the position of Coordinator of Management Development for Schlumberger Limited, New York City.

A native of New Jersey, Mr. Long comes to Sarasota from Harvard Industries, Inc., Farmingdale, N. J., where he was Group Vice President for Aerospace and Electronics, and also most recently President and General Manager of Frequency Engineering Laboratories. He joined the FEL division of Harvard Industries in 1967 where he held positions of Program Manager, Director of Program Management, and Assistant to the President. From 1954 to 1967 he was with Lockheed Electronics, Plainfield, N. J., in engineering and program management posts on major electronic systems for Department of Defense agencies.

He earned his Bachelor of Science degree in Physics from St. Peter's College, Jersey City, N. J., in 1954. Mr. Long and his wife Marilyn are the parents of four daughters and are currently relocating to Sarasota.

TRAILER UNIT TO SHOW WATER QUALITY EQUIPMENT

A new trailer-demonstration unit will soon tour the country to demonstrate EMR's water quality measurement system to prospective customers -- part of an intensive sales campaign to reach the special agencies and people who will be buying water quality monitoring equipment.

Inside the 16-foot trailer is a complete water quality monitoring demonstration system, including:

- a remote station (normally located near a river or bay) which measures water quality parameters

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Bill Hardman entering trailer unit which will demonstrate EMR Water Quality Monitoring System.

NEW MACHINES ADDED IN MANUFACTURING

A new, additional Quaddrill machine for drilling printed circuit boards has been installed in the Printed Circuit Fabrication area to expand Production's drilling capability. The machine handles multiple drilling of the copper-clad printed wiring boards for plated-through holes--a basic component for just about all of our products.

Fab's work load called for more drilling capacity. This new machine can make templates (patterns) and/or drill up to 12 PC boards at a time. Trained operators who use our Quaddrills are: Irmgard McWhorter, Anna Stinton and Dora Warren. Fred Stiefel, of Manufacturing Engineering, evaluated the requirement for the machine, its suitability, and coordinated the purchase of the unit.

At our new Quaddrill are: Anna Stinton (seated) with Gene Harbert, Foreman of our Fab area, and Production Manager Jack Clark.

NEW WIRING MACHINE

Our skilled Assemblers in Production are finding the new numerically-controlled wiring machine recently installed in Manufacturing is quieter, more convenient and more efficient for the complicated task of wire wrapping the hundreds of base plate pins in EMR-T's products.

Manufacturing Engineering carefully evaluated a number of machines before selecting this unit to fulfill our requirements.

Cindy Buckles, Manufacturing Engineer Bob Bush, and Production Foreman George Keegan with new wiring machine.

A computer-programmed punched paper tape directs the machine's pointer to the correct pin to be wirewrapped, and the seated Operator then uses her wire wrap gun to attach the pre-cut wire to the correct pins. "Search" time is minimized as compared to our earlier machine which has a moving X-Y positioning table. The computer program can also be adapted to set off a buzzer to alert the Operator to wiring modifications for "M" units that differ slightly from regular, standard products.

METAL SAW

Greater safety and improved quality work will result from the addition of the new Radial Metal Saw to our Metal Finishing Machine Shop. The unit replaces a table saw.

"This new saw makes for a smoother, square cut and minimizes after-work such as deburring," says Dave Clouse, Production Engineering Specialist. It is used for cutting extrusions, chassis covers, heat sinks, etc. Very important is the remote-control capability which Foreman Bud Steinhoff says makes for much safer operation. "Our men can operate this

WHERE ARE THEY NOW?

If you're trying to keep up with the locations of our Customer Service personnel, here's the latest on their whereabouts after recent changes:

Scott Blair, transferred from Silver Spring, Md., to NASA-Wallops Island, Va.; Wally Jones, now in our Los Angeles office; Chet Reynolds, moved from Edwards AFB to Lockheed in Palmdale, Cal.; Bob Voss, from El Paso to Silver Spring.

Other Field Service people and their assignments are: Nick Howard, Edwards AFB; Don Shumaker, on Army contract at Edwards AFB; Frank Wakefield, at Sandia, Albuquerque, N. M. Scientific Programmer Roland Olson is at Edwards AFB. In Sarasota are: Jon Brown, Customer Service and Training Supervisor, along with Jean Mazza, Marketing Clerk who splits her time between Customer Service and other Marketing duties.

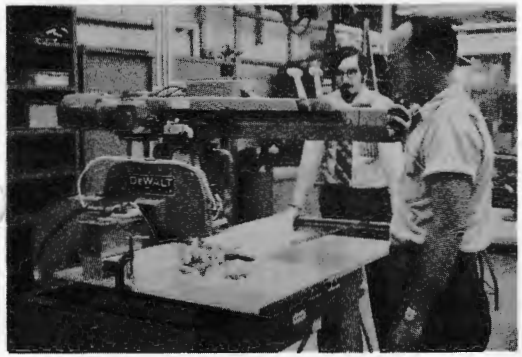
ANNIVERSARY GREETINGS

Among EMR-T employees, 32 are marking service anniversaries in June. Those observing major milestones are:

1962	Jeanie Thatcher
	Dave Walker
1967	Galt Morgan

NEW MACHINES ADDED (cont'd)

saw without getting their fingers near the blade," he said.



Dave Clouse and Floyd Hertel with new Metal Saw.

NEW VAN-MOUNTED T/C SYSTEM ORDERED

A new order for a van-mounted mobile EMR telemetry/computer system has been received from the U. S. Army. This will be the third such van full of instrumentation to be delivered by EMR to the U. S. Army Aviation Systems Test Activity at Edwards Air Force Base, Calif., for use at the Army's AIDAS facility. (AIDAS stands for Advanced Instrumentation and Data Analysis System).

The large AIDAS facility is used for real-time flight safety and test data monitoring of new Army aircraft such as helicopters.

These three van-mounted mobile units serve as quick-look telemetry data reduction systems for on-the-spot evaluation of flight tests at remote locations. Earlier, EMR also provided an AIDAS Central Ground Station (a telemetry/computer system) and several airborne systems. Equipment already delivered includes four EMR 6135 Computers plus large quantities of EMR telemetry.

Valued at over $250,000, the new van and its instrumentation will include another EMR 6135 Computer and peripherals, plus PCM and FM telemetry, computer interface, and recorders for data reduction. Dick Haase, of Aerospace Systems, is Project Engineer for the system.

INSURANCE REMINDER

If you have children aged 19 or over, they are eligible for our group insurance only if they are full-time students dependent on the EMR employee for support. Call Martha Lambert in our Insurance Office to see how this affects your coverage and premiums.

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M. E. Herbst, Editor

TRAILER UNIT TO SHOW WATER QUALITY EQUIPMENT (Continued)

- telemetry communications equipment with a simulated telephone link
- central receiving console, including controls, display, paper tape punch and data reduction equipment for processing the water quality measurement data.
- equipment for "wet chemistry" analysis to verify the data being measured automatically.

The trailer, containing this working WQM system, will be hauled by travel-all truck to various demonstrations beginning in the Tampa Bay area in July and proceeding to Miami, Jacksonville, Tallahassee, the Midwest and Washington, D. C.

"We will display the trailer and equipment for EMR-T employees in Sarasota before the unit leaves on tour," says Bill Hardman, Water Quality Monitoring Product Manager.

EMR's water quality measurement equipment provides an automatic system to monitor the level of various types of pollutants and their fluctuations, thus supplying accurate data to agencies or companies involved in pollution control and enforcement of water quality regulations.

While on tour, our equipment will be demonstrated to water pollution control agencies at the state and federal level, to industry and to interested citizens groups concerned about ecology.

Working on Water Quality Monitoring in-house are: Bill Hardman, Ed Kucharski, Richard Davies, Milt Litwiller, Larry O'Connor, Phil Potts and Evelyn Severson. Members of the EMR Instruments sales staff and others who will assist with the field demonstrations are: Tom Antzack, Jack Heeg, Bob DeFord, Cephus Mason, Bob Murphy, Jerry Radwell and Jerry Reider.

Project Engineer Ed Kucharski with remote monitoring unit in trailer.

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Senior Engineering Technicians Larry O'Connor (standing) and Milt Litwiller at Central Station console.

$214,000 CONTRIBUTED TO OUR PENSION PLAN

EMR-Telemetry's company contribution to our employees' Pension Plan for 1971 was $214, 355, according to Accounting Manager Galt Morgan. The sum has been deposited with the Pension Plan Trustee, the Chemical Bank of New York City.

Our Pension Plan is one of our major employee benefits. Employees make no contributions to the Pension Plan; the entire cost is paid by the Company.

Pension credits are automatically credited to your Schlumberger Pension account for all full-time employees 25 years of age or over after one year of service, and you are fully vested after ten years of continuous service.

EMR-T retirees currently receiving regular pension checks from the Schlumberger Pension Plan are: Jo Baisley, Betty Boyce, Ethelyn Brown, Matt Chase, Luella Clabough, Adele Ritch.