



The EMR-Telemetry News
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WESTON HATBORO PLANT MOVING TO SARASOTA

Arrangements are now underway for the transfer of a number of employees of Weston Instruments, Hatboro, Pa., to EMR-Telemetry in Sarasota, following the announcement last week of the consolidation of the Hatboro Instruments operation into EMR-Telemetry. Transfer of personnel and equipment will take place early in September.

"Product lines of the two facilities are complementary," said General Manager Leo G. Chappell. "The results of this consolidation will be a broader product line, increased volume of business, a new set of customers to address, enlarged systems capability, and improved efficiency."

Earl C. Channell, present General Manager of the Weston Hatboro facility, will head the instruments business in Sarasota. As Instruments Organization Manager, he will report to L. G. Chappell.

His Instruments Organization will include Hatboro Engineering and Marketing personnel who are transferring to Sarasota. Manufacturing personnel will be incorporated into EMR-T's Manufacturing Organization.

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E. C. Channell

EMR-T EQUIPMENT HELPS HANDLE WEATHER DATA

EMR-T is now at work on a contract awarded by Image Information, Inc., of Danbury, Conn., to provide portions of the electronics for a Direct Readout Ground System to handle weather pictures from a planned Synchronous Meteorological Satellite.

The National Environmental Satellite Service, Suitland, Md., plans to use the Direct Readout Ground System to process imagery from a Visual and Infrared Spin Scan Radiometer of the Synchronous Meteorological Satellite (SMS) due to be launched next year.

From on board the SMS, eight sensors will send visible and infrared lines to earth where a laser beam recorder will draw a picture of different sections of the earth meteorological data. The Direct Readout Ground System (including EMR-T's specially-designed equipment such as a Phase Shift Key Demodulator and Bit and Frame Synchronizers) transforms the satellite-originated lines into segments of meteorological or weather pictures suitable for various users in different locations.

Charlie Hall, of Telemetry Products Engineering, is Project Engineer for the system. Charlie Hall and Charlie Butler are in charge of special design work for this contract. Equipment is due to be shipped early in November.

NEW PRODUCT PRESENTED

We have just introduced EMR-T's newest product to the market -- the Model 720 PCM Bit Synchronizer (bottom, right in photo below).



Pictured are some of the members of the 720 Development Team: Project Engineer Don Woodworth, Technicians Chuck Netherton, Ted Homer, Jerry Schultz, and Manufacturing Test Engineer Bob Heaton.

This initial Model 720 PCM Bit Synchronizer demonstration system is currently on the West Coast for a Field Training Course and for demonstration to customers. A second demonstration system will go to the East Coast.

In our advertising/ mailing campaign, literature about the new product went to 3,000 potentially interested customers, and Marketing is getting excellent response from the mail campaign.

The Model 720 replaces our older Models 2720 and 2721 which are being retired from our product line.

"The new Model 720 is the best device of its type on the market," says Marketing Manager Shelby D. Bass. "We already have one order for the new product and are vigorously pursuing several significant business opportunities."

WESTON HATBORO PLANT MOVING TO SARASOTA

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Mr. Channell earned his BSEE degree from the University of Maryland in 1960 and has done graduate work at the University of Maryland and University of Colorado.

From 1960 to 1966 Mr. Channell was employed by Honeywell, first at Honeywell Industrial Systems at Beltsville, Md., and subsequently in Colorado, where he had responsibility for design and development of general purpose wave analyzer systems.

From 1964 to 1966 he was assigned to Honeywell Computer Controls, Fort Washington, Pa., where he was responsible for developing direct digital control system design concepts.

He became Manager of Electronics Engineering for EMR/Weston-Hatboro, Pa., in 1966, a position he held until January, 1970, when he joined the EMR Executive Office in Princeton, N. J., as Director of Technical Planning. He returned to Hatboro as General Manager in November, 1970.

Mr. Channell and his wife, Judy, are the parents of four children--three boys and a girl, ages six to 12.

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

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A SCHLUMBERGER COMPANY

EMR-T WINS CONTRACT FOR WATER QUALITY MONITORING

EMR-Telemetry has been awarded a contract to install an Automatic Water Quality Data Acquisition System for the Army Corps of Engineers on the Pearl River in Louisiana.

The EMR water quality monitoring system is the result of intensive research and marketing studies into the techniques and problems of pollution monitoring.

The Pearl River water quality monitoring system will measure certain water quality parameters (characteristics): dissolved oxygen, temperature, pH, conductivity, turbidity. The aim is to gather data for the Corps of Engineers to evaluate the quality of the water over a long period of time. Continuous sampling provides background information which enables the observer to project trends in levels of water quality and to decide whether the level of water pollution is rising or declining. Changes in water quality are known immediately.

EMR-T has proposed a similar system to local Sarasota County environmental control agencies to collect water quality data about Sarasota Bay and other nearby waters.

Hardware for the Pearl River water quality monitoring system is being put together in Special Systems by Rich Davies, with Ed Kucharski as Project Engineer. Delivery is scheduled for late 1971.

EMR-T's Marketing Organization is investigating other business opportunities of this type with Federal and State agencies throughout the country.

ANNIVERSARY GREETINGS

Thirty-five EMR-T employees are observing anniversaries of service with the company this month. Among them are the following who are marking major milestones of 5, 10 and 15 years:

<u>1956</u>	Chris Freeberg
<u>1961</u>	Matt Chase, Pat Patrick
<u>1966</u>	Jim Horvath, Ron VanderVliet

NAMES IN THE NEWS ...

FIRST-HAND VIEW

Ernelda Kragel, of Reprographics, has returned from a vacation trip abroad with her husband, and reports she took time out from vacationing to visit the Heidelberg printing machine plant in Heidelberg, Germany -- the company which manufactures the lithographic press which she operates for EMR-T, among her other duties in Reprographics. At the press plant, Ernie says they received the VIP grand tour, along with a Japanese salesman for Heidelberg printing presses and his Japanese/German interpreter. Ernie also picked up some special tips on press operation.

The Kragels flew to Germany and toured Germany, France, Switzerland, Austria



and a bit of Italy, Liechtenstein and Yugoslavia via rented VW.

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COACH RANDY

Randy Mitchell, of Digital Systems, has just completed a highly successful season as Coach for the Little League's Optimist team which won the Sarasota National League title. Randy then coached the Sarasota National All Stars team, and his boys came within a whisker of winning the State title in the playoffs last week. Their record for the season, including playoff games: 31 wins, 4 losses.

"I'm mighty proud of those boys," says Randy. His teams included his own 12-year-old son, Ricky, and Jimmy Maguire, son of Jim Maguire, of Reliability.



GUTTER BALL SCORES BIG HIT WITH BOWLERS

Bowlers in the EMR Employees Association's Summer Mixed League collected trophies and fun prizes, dined and danced at a festive "Gutter Ball" on Saturday, August 14, at the Eagles Hall.

Trophy winners were:

Winning Team: Gladys Butler, Marie Gordon, Bud Lang, Bill Sewell.

Runners-up: Dave and Joanne Christner, Bob and Linda Williamson.

High Average: Jim Rexrode (184); Ruth Marquis (157)

High Scratch Series: Jerry Overholt (622); Ruth Marquis (565)

High Scratch Game: Paul Milo (269); Doris Pruitt (212)

High Handicap Series: Bob Williamson (715); Joanne Christner (693)

High Handicap Game: Bill Sewell (275); Marlene Coblentz (254)

Most Improved Bowler: Marie Gordon, 8 pins; Bob Williamson, 13 pins.



Members of the top bowling team were: Marie Gordon, Gladys Butler, Bud Lang, all of Manufacturing, and Team Captain Bill Sewell, DCAS Quality Assurance Rep.

Right now is the time to join the Winter Mixed Bowling League which starts on Wednesday, September 8, at 6:45 p. m., at Sarasota Lanes. EMR Employees Association President Jim Rexrode reminds bowlers to sign up early via bulletin board notices -- there's room for only 12 teams.

MINI COMPUTER SYSTEM ORDERED FOR STOL TESTS

An order for the first EMR-T minicomputer telemetry system has been received from the Department of Transportation's Transportation System Center, Cambridge, Mass.

The EMR Tape Formatting System will be part of a ground data acquisition subsystem for flight tests in connection with the Department of Transportation's STOL (Short Take Off and Landing) aircraft navigation and guidance program.

The Tape Formatting System is to be integrated with an existing PCM telemetry station and installed in a mobile telemetry

van which will be used to develop requirements for aircraft flying typical STOL flight paths, and to investigate navigation, guidance, data link and the interface associated with STOL terminal area operations.

EMR-T's minicomputer system includes a DEC PDP-11 Computer and Model 2763 Buffered Data Channel, plus other 2700 series PCM boxes and associated software packages. Bob Williams, of Systems Engineering, is Project Engineer for this system, and delivery is scheduled for late September.