



The EMR-Telemetry News

Sarasota, Florida

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C.G. BYRD APPOINTED MANAGER OF SYSTEMS

Clarence G. Byrd, on assignment with Schlumberger Limited in New York City since last November, returned to EMR-Telemetry this week to become Manager of our Systems Organization. He succeeds Shelby D. Bass who was recently named EMR-Telemetry Marketing Manager.



C. G. Byrd

Clarence joined EMR in January, 1961, as an Engineer in Advanced Systems and subsequently advanced to Section Manager of Airborne PCM. From May, 1966, to May, 1968, he was Manager of Digital Products Engineering, heading the Research and Engineering group which designed our line of EMR 2700-series computer-controlled digital telemetry products. Before leaving Sarasota to go to Schlumberger, he was on special assignment in Applications Marketing.

A native of Charleston, S. C., Clarence received his BSEE degree from The Citadel, Charleston, in 1949, and did graduate work at Purdue. He served in the Navy, and prior to joining EMR held engineering positions with Martin, Orlando; Philco, Philadelphia; and ITT, Fort Wayne.

Clarence expects his wife Flora and their three children to move down from Darien, Conn., shortly.

MICROCIRCUITS ORDERED BY WESTON INSTRUMENTS

Weston Instruments, Newark, N. J., has ordered 2000 thin film microcircuits from EMR-Telemetry. The precision resistor microcircuits were designed and are now being manufactured by our Microelectronics Laboratory.

"Ten million ohms in one square inch," is the way our Microelectronics Engineers describe the EMR thin film microcircuit which is to be a component in certain Weston meters. As much as a thousand volts may be applied across the microcircuits.

The thin, flat one-inch microcircuits are constructed on a ceramic substrate 0.025 inch thick. Thin film resistors are applied to the substrate in slim, straight lines. The many lines of resistors on each microcircuit are so thin, and the space between the lines so minute, that to the naked eye the resistors appear to be a solid coating of metal. Only with the aid of a microscope or jeweler's eye loop can it be observed that the surface has many separate lines of resistors.

LAST CHANCE TO WIN

Have you submitted your entry in the contest to name your new employees' association? The deadline is 4:30 p. m., today, October 3. Winner of the \$50 prize will be announced October 17 via PULSE and bulletin boards.

PASS THE DICTIONARY, CLYDE

Under the heading "Scintillating Semantics" on page 126 of the September 15 issue of EDN (an electronics magazine) is prominent mention of Microelectronics Engineer Clyde Brackett. Clyde entered the magazine's contest to match the letters EDN with words that most "convey the value of EDN."

Said EDN: "You tell some guys to think up words for just three simple letters like EDN... and they just don't know when to stop. C. R. Brackett defined EDN as an 'Edifying Document Nonpareil of Earthly Diabolical Nomenclature' (and defined it as NOT being 'pEDaNtic') and then he really let loose: "

SYNTACTICAL STATIC

PEDaNtic semantics
Rhetorical antics
Satirical tactical tickle.

Sporadic grammatic
Syntactical static
Synthetic phonetical fickle.

Hypnotic neurotic
Exotic psychotic
Botanical tropical trickle.

Scholastic gymnastic
Bombastically spastic
Anatomical conical brickle.

Platonic mnemonic
Acoustical sonic
Gigantic pneumatcal pickle.

Euphemistically sick
Dialectical trick
Now I'll promise
to quit (for a nickel).

Alcoholic
Bucolic
Catatonical
Frolic
by Clyde R. Brackett
Microelectronic Engr.
Electromechanical Research
Sarasota, Fla.



Clyde Brackett

Incidentally, the prize (which Clyde did not win) is a Heath 23-inch color TV. Heath, of Benton Harbor, Michigan, is a Schlumberger Company.

EMR ON ROLL OF HONOR FOR APOLLO / SATURN V

EMR's name will be on the Apollo/Saturn V Roll of Honor to be placed in the Library of Congress and Smithsonian Institution, according to notification received last week from The Boeing Company's Southeast Division, Launch Vehicle Branch, New Orleans, La.

A certificate and medallion, attesting to EMR's Apollo/Saturn V participation, have been framed for display in the EMR-T lobby in Sarasota. The certificate cites those "who so diligently, over the years, put forth their energies and skills to make possible mankind's greatest expedition; that of sending three men to the moon and returning them to earth safely."

EMR-Telemetry supplied Model 246 Telemetry Transmitters to The Boeing Company for the Apollo/Saturn V program, as well as other EMR products and systems to other contractors.

MORE GOOFY SPELLINGS

Examples of imaginative misspellings of EMR-Telemetry's name keep coming in the mails. Three separate envelopes arrived recently addressed as follows:

EMR Elemerty ...

Western Instruments, Inc., Electro-Mechanical Div. ...

EMR Decision of Weston Instruments...

In each case the P. O. Box number and Zip code were right!

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

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A SCHLUMBERGER COMPANY

KENT MORGAN APPOINTED SPECIAL SYSTEMS MANAGER

Kent Morgan this week became Manager of the Special Systems Department in our Systems organization. He succeeds B. J. Tucker who has been appointed Director of Research and Engineering at EMR-Photoelectric, Princeton, New Jersey.



Kent has been a member of EMR-T's Research and Engineering organization since 1959, and most recently served as Section Manager of Analog Products Engineering.

In the Special Systems Department, work is currently under way on such "way out" projects as the White Light Coronagraph and Solar Magnetograph. Other recent Special Systems projects were Minute Steak, Schlumberger Truck Tape Recorder and Telescope.

Kent is a native of Winona, Minnesota. He began his engineering studies at Cornell, and transferred to Purdue where he earned his BSEE in 1959. He joined EMR in Sarasota after graduation. The following year he took ten months' leave to work for his Master's Degree in Electrical Engineering at the University of Wisconsin, and received his degree in 1961.

While in Research and Engineering, Kent worked on a variety of development projects--a metal detector, many analog FM products such as airborne VCO's, the recently-developed high-frequency 4000 modular series, and 4540 Tunable VCO.

Kent and Ann Morgan are the parents of a daughter and a son--Christi, 9, and Scott, 6.

ANNIVERSARY GREETINGS

Anniversary greetings are due some 57 of our colleagues who observe employment anniversaries during October. In this list are the names of those marking 3, 5, 7, 10 and more years with the company. Happy anniversary to:

- | | |
|-------------|---|
| <u>1956</u> | Stan Sniffen |
| <u>1957</u> | Margaret Dill
John Ferber
Tom Toler |
| <u>1958</u> | Anne Anderson
Jim Beebe
Skip Brawn
Dick Dungan |
| <u>1959</u> | Bill Slattery |
| <u>1962</u> | Judy Amuso
Jim Bicknell
Frank Blakeley
Clyde Brackett
Doyle Byrd
Julian Cecio
Jim Eames
Bill Fairbrother
Ruth Gentzler
D. J. Hammond
Martha Lambert
Harold Miller
Ed Moller
John Sautter
R. H. Stickney
Leonard Zeiler |
| <u>1964</u> | Mariann Gusbar |
| <u>1966</u> | Bert Baker
John Brady
Nancy Helleis
Chuck Kelly
A. H. Ramos
Jo Snyder |

NEW GROUND TRANSMITTER



Pictured with EMR's newest Telemetry Transmitter are RF Project Specialist Bob Leichthy (left) and Tom Maresca, Manager of RF Product Engineering. Leichthy holds the Model 3642 2-watt S-Band Transmitter (designed for ground operation) while Maresca shows the power supply. Six of these new Model 3642 Transmitters have been built for a West Coast customer for use in a nuclear testing application.

EMR COLORADO OFFICE MOVES TO NEW QUARTERS

Out in Englewood, Colorado, four members of EMR's field organization have moved into new quarters recently. The offices, on the second floor of a new office building, serve as the base of operations for EMR-Telemetry and EMR-Computer in the Denver area.

The staff includes EMR-T Senior Sales Engineer Vern Arbaney, Field Secretary Tess Murray, EMR-Computer District Manager Jack Luna, and EMR-C District Analyst Steve McAtee. Vern and Tess cover EMR-T's sales activities for the Denver district of the Mountain Sales Area. Tess is a veteran of 8-1/2 years with EMR, and Vern joined EMR in June of this year.

A native of Colorado, Vern Arbaney received his BSEE degree from Colorado State University in 1959. He came to EMR from Martin-Marietta, Denver, where he was Lead Engineer in Airborne Instrumentation. At Martin he partici-

FLAG FOOTBALL TEAM GAINING

EMR-T's Flag Football Team is gaining momentum. After dropping the first game of the season, the team went on to capture their next two contests.

Members of the team are:

Marcelo Breton	Kent Morgan
Rich Davies	Chris Papastrat
Simon Ford	Myers Parrish
Jim Graham	Dave Tharpe
Harry Jones	Tom Toler
Joe Lehmann	Harry Underwood
Manager: Jim Maguire	

Games are played on Tuesday or Thursday nights at the football field off 17th Street between Tuttle and Lockwood Ridge.

The next games are: Thursday, October 9, at 8:30 p. m., and Thursday, October 16, 8:30 p. m.

pated in projects such as the Titan III Booster program, VHF transmitters and PCM/FM instrumentation systems, from 1963 to June, 1969. Earlier he was with Sperry Utah, Salt Lake City, (1959-1963) working on airborne and ground telemetry instrumentation for the Sergeant missile, Mariner and Ranger programs.

Vern and his wife, LeAnn, have three children. He's a photography buff, hunts, fishes, golfs, and is thinking about getting his pilot's license.



Vern Arbaney, Tess Murray and Steve McAtee in new offices. Missing from photo is Jack Luna.