



The EMR-Telemetry News  
Sarasota, Florida

Vol. IV, No. 22

3 April 1970

## EMPLOYEES ASSOCIATION ANNOUNCES 1970 PROGRAM

Plans for employee social and athletic activities for 1970 have been firmed up by the EMR Employees Association Board of Directors, according to Don Buffington, Chairman of the Board. "The main aim of the Association is to provide the activities which meet the needs of the majority of our employees," Don said.

EEA's program of activities includes:

- Summer and Winter Mixed Bowling Leagues - Chairman to be announced.
- Golf League - Chairman, John Haugh.
- Summer Softball Teams - Chairman, Tom Toler.
- Flag Football Team, in the Fall - Chairman, Kent Morgan.
- Employees Picnic - scheduled for May, with Tom Maresca as Chairman.
- Children's Christmas Party - Chairman Dave Middleton.
- Christmas Dance - Chairman to be announced.

In addition to these major events, funded primarily by the company, this year's plans call for several pay-as-you-go activities. These include: a Swim Party, Fall Dance, and a bus tour to an interesting Florida spot.

"We hope for broad participation, so employees who are interested in assisting in these activities are invited to call the activity Chairman or any member of the Board," Don noted.

EEA Board Members and their duties are:

EEA Chairman - conducts meetings of the Board and provides direction for implementation of Board decisions.



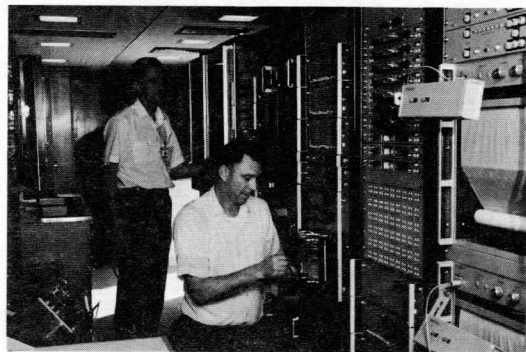
Don Buffington

(Cont'd - Page 3)

## ALL THE COMFORTS... AND TELEMETRY, TOO

This EMR-T mobile PCM telemetry reduction system was installed in a 40-foot trailer and has been shipped to NASA's Electronics Research Center, Cambridge, Mass., for use in V/STOL aircraft development testing. (V/STOL stands for vertical or short takeoff and landing.)

Incidentally, the trailer was equipped with stove, sink and refrigerator, so you can cook lunch and wash dishes while your automatic EMR telemetry system does the hard work for you!



Inside the huge van, Systems Engineer Curt Dyke and Technician Randy Mitchell are shown putting the finishing touches on the EMR system before it was delivered to NASA last week.

EMPLOYEE BENEFITS PROGRAM— Here's the fifth and last article in Pulse's series about EMR-T's Employee Benefits.

## 'EXTRAS' ROUND OUT EMPLOYEE BENEFITS PROGRAM

In the past four issues of Pulse, we have presented a series of articles about the EMR-T Employee Benefits Program, highlighting various provisions of our Benefits Program. We discussed those parts of our broad range of benefits which assist employees during time of personal emergency; in long-range financial planning; and in providing opportunities for rest and restorative change.

To complete the Employee Benefits picture, let's look at our additional, miscellaneous benefits. These are the "extra" benefits provided by the company which enhance working conditions and add to our benefits program.

Extras include: Tuition Refund, EMR Employees Association Activities; Dispensary, Blood Bank, and other health services; Safety Glasses and Shoes; Credit Union; Travel Insurance; Payroll Savings; Cafeteria; Library; Notary Public Service; Bulletin Board Ads; Severance Pay; Moving Allowance for transferred employees, etc. These benefits are all either completely or partially company-funded.

These miscellaneous extras add up to \$126,000 worth of benefits and services a year. As examples, consider just two items:

Tuition Refund - During 1969, 25 employees completed 51 college-level courses. In addition, employees took 49 International Correspondence School courses through the company. Tuition refunds totaled \$4,500 for the year.

Employees Association - Last year our former Social Club was discontinued and a new EMR Employees Association was formed. Under the new organization, employees do not pay dues, and the company sponsors certain social and recreational activities open to all employees. In 1969, these activities cost the company \$3,900. For 1970, the budget has been increased.

Summing up, our Employee Benefits series has examined:

1. An Overview of EMR-T's Employee Benefits Program - a general look at our \$1,500,000-a-year program.
2. Emergency Protection Plans - group insurance, workmen's compensation, unemployment compensation. Annual cost: \$131,000.
3. Time Off With Pay - vacations, holidays, sick leave, coffee breaks, etc. Annual cost: \$850,000.
4. Retirement and Long-Term Security - retirement plan, Investment Growth Plan, Social Security. Cost in 1969: \$457,000. (Add \$120,000 for our Investment Growth Plan, 1970)
5. Miscellaneous Extras - Dispensary, Employees Association, Credit Union, Tuition Refund, etc. Annual cost: \$126,000.

Each benefit provided by the company increases the value (and cost) of our Employee Benefits Program. In 1969, our benefits averaged \$2,200 per employee. That was 26% of our total compensation costs. With the broad employee participation in our new Investment Growth Plan, and with increasing costs, the 1970 figure is expected to reach 30%.

Some of these benefits are included in our pay--vacations, holidays, paid sick leave, etc. Others are in addition to our pay--employee group insurance, retirement plan, tuition refund, etc.

It's easy to see that benefits are a very significant part of our total compensation--and benefits mean dollars for each employee.

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

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

COPYRIGHT © 1970 EMR DIVISION OF WESTON INSTRUMENTS, INC.  
A SCHLUMBERGER COMPANY

## EMR-T PERSONNEL AID SAILOR CIRCUS PROJECT

Some of the same EMR-T know-how that goes into designing sophisticated telemetry instrumentation is also helping Sarasota students in their Sailor Circus project.

The "Greatest Little Show on Earth"--popular school activity for local students--is presenting its series of performances again this year (March 26-28 and April 2-4). Spotighting the exciting circus acts is a new lighting system designed and installed by EMR-T volunteers.

Marketing Manager Shelby Bass initiated the project, and EMR-T supported the community effort with financial aid and usable scrap materials. Additional materials were contributed by many Sarasota firms. EMR engineers, technicians and machinists devoted hours of their own time to the project over the past year.

"We learned that the Sailor Circus lighting system needed re-vamping," Bass explains. "In cooperation with the Sailor Circus staff, we designed a completely new, advanced stage lighting system--with a new central control panel and remote solid-state power switching.

"In addition to my four children who take part in the Sailor Circus, some of the students in the neighborhood came to my house to help solder wires and do other chores in building the system. John McQueen (EMR-T Customer Service) and Kent Morgan (Special Systems) have spent many hours, evenings and weekends, at the circus tent at Bahia Vista and School Ave., helping to install the new system. The result is an advanced lighting system worth about \$5,000," Bass said. --- Another example of how EMR-T volunteers participate in many worthwhile community activities.



At evening rehearsal (clockwise from left): Shelby Bass, Sailor Circus Coach Bill Lee, John McQueen, Kent Morgan--with remote solid-state switching controls, part of new lighting system for Sailor Circus.

## EMPLOYEES ASSOCIATION ANNOUNCES 1970 PROGRAM (Continued)

Treasurer (Frank Guinn) -

Performs regular duties of a treasurer.



Secretary (Pat Power) -  
Records minutes, distributes announcements of meetings, retains appropriate records.



Publicity (Dale Hefke) -  
Coordinates all publicity for social and recreational activities.



Social (J. E. McQueen) -  
Plans and coordinates social functions and provides direction for chairman of each event.



Athletics (J. E. Rexrode) -  
Plans and coordinates athletic and recreation activities and provides direction for chairman of each activity.



Representative Coordinator -  
(Al Orr) - conducts meetings of Area Representatives and coordinates their activities.



Area Representatives - provide communications link between employees and the Association.

Member-at-Large (Carmon Sloan) - Provides support and back-up for various EEA offices as required.



Advisor (W. M. Thompson) -  
Provides interface between the company and the Association.



## NEW BOBBIN WINDER IN MAGNETICS AREA

A recent addition in our Assembly area is this new bobbin winder. The new machine adds increased capability and precision in producing small magnetic elements such as inductors and transformers used in our products.

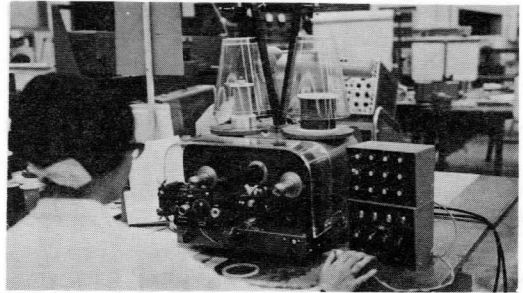
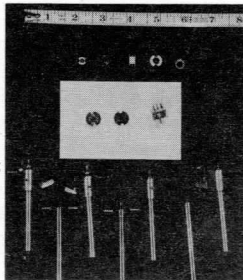
"By adding our own tooling and modifying the machine, we tailored it to our specific needs," says Don Roberts, Manager of Production Test. "The bobbin winder, located in our Magnetics area, is giving us consistent quality with improved precision and efficiency over our previous methods for producing the magnetics we make in-house."

Bobbins are small plastic spools, shaped like a tiny "Lifesaver" with a hole in the middle. Around this tiny center, we wind a specified number of turns of very thin wire--some as fine as human hair. The bobbin is then taped, and enclosed in a small core assembly, after which it is ready to be incorporated in a circuit.

The precise number of turns of wire (say, 35, 43.5 or 105.5, etc.) is essential to produce the exact inductance value of the element when it is used in circuits such as EMR filters. These inductors or transformers (the general term is magnetics) are vital to many EMR-T designs, such as our new 4000-series FM products.

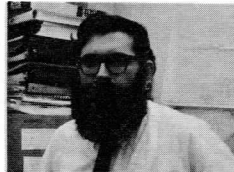
"Karl Salek and I designed the additional special tooling for the bobbin winder, and Karl did a fine job of making the tools. Technician Mike Moninger modified the machine to suit our requirements," Don Roberts explained. "With these improvements, we can wind split bobbins easily, and count as precisely as one-tenth of a turn."

Top: plastic bobbins of different sizes, including "split" bobbin in the middle. Bobbin at right wound with wire. Center: two halves of core shell and assembly. Below: special tooling made here for bobbin winder.



Mariann Gusbar at new Bobbin Winder

## A WINNER-BEFORE AND AFTER



W. Page Stanley, of Airborne Engineering, captured a trophy in the DeSoto Pageant Beard Contest in Bradenton last month. He won in the Roughshod Division, but for our money there wasn't a beard in the contest which could hold a candle to Page's! Right after the contest Page shaved his hirsute facial foliage, and we rediscovered what he really looks like. He started growing the beard on July 4, 1969.

## EMR HATBORO FACILITY NOW EMR-INSTRUMENTS

EMR-Hatboro's name has been changed to EMR-Instruments, according to an announcement from Dr. J. P. Magnin, EMR President.

"EMR-Instruments will continue to engage in design and manufacture of dynamic analysis instruments, while at the same time marketing throughout the United States other instruments from European Schlumberger companies," Dr. Magnin stated. With the name change of the Hatboro, Pa., facility, all EMR operations have names which bear a relationship to their product areas.