

## NEW EQUIPMENT HELPS IN THE ENERGY CRUNCH

Test installations and demonstrations of EMR/Weston Fault Locators and Solid State Distance Relays are achieving favorable customer acceptance, according to Pete Farinas, of the Power Protection Group.

Successful Fault Locator demonstrations have resulted in orders and more test installations at a variety of locations: Public Service Company of Colorado; Bureau of Reclamation, Casper, Wyoming; Florida Power & Light; Consolidated Edison of N. Y.; Southern California Edison Co.

(Fault locators automatically detect and display the distance in miles from a utility substation to a point of fault--short circuit--on a high voltage transmission line.)

The recently-introduced Solid State Distance Relay, PDS 4000, will soon have installations at Duke Power Co., Florida Power Corp., and Wisconsin Public Service. This relay protects transmission lines and associated equipment from short circuits caused by lightning, insulator failure, etc.

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REMINDER: Volleyball on Tuesday afternoons at 5 p.m. More players are welcome. Phone Ext. 292.

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## Ian Albritton (CONT'D)

At EMR, he's happiest when breadboarding a new, complex product such as the Model 711 PCM System. Currently, he's working with Tom Bray on the Model 713 Programmable Word Selector.

As the Washington drama unfolds, Ian is one EMR employee who can say he was there and knew the participants who shaped this latest chapter of American history.

## SHE'S A WINNER!



Marcia Funaiole with trophies

Marcia Funaiole, of our Procurement Department, has an array of ribbons and trophies which she and her 3-year-old filly, "Miss-A-Lady," have won in recent horse shows in Arcadia.

"I'm so proud of her," says Marcia. "With almost no training and no show experience, Miss-A-Lady took ribbons in events such as pole bending, the flag race, barrel racing, and buddy pick-up." Marcia also captured two high point trophies in recent shows.

Marcia's husband, Dennis Funaiole, is in our Quality Assurance Dept. Dennis and Marcia were married recently. Now they have five acres in Arcadia, and lots of animals--two horses, a milk cow and calf, an Angus bull, two Doberman Pinschers (with 8 puppies) and two German Shepherds.

"Miss-A-Lady" is practically a member of the EMR family, too. She is part Arabian and quarter horse -- and was bought from George Strait, of our Cal Lab, when she was eight months old.

Marcia has been riding since she was three -- on her family's farm in Pennsylvania. She's been in area horse shows here, and when her Buckskin gelding came up lame, Marcia decided to try Miss-A-Lady at the Arcadia show. Now Marcia and Dennis think she has a great future.

## SAILING IS FUN - - AND IT CAN BE ECONO

Living on the beautiful West Coast of Florida gives EMR families an opportunity for weekend boating, camping and recreation. Sailing is especially popular with the boating set. However, can your family enjoy sailing without a big investment in a sizeable sailboat? Yes. Here's what three EMR employees and their families do:

Dave and Nance Walker and their two youngsters enjoy sailing on the family's 14-foot Hobie Cat. (Dave is a Quality Assurance Coordinator at EMR.)



Dave Walker and family with Hobie Cat.

"It's an inexpensive sailing boat with no maintenance problems and no motor," he explains. "It's safe, and big enough for the whole family to enjoy, yet easy to handle. We keep it at the Sailing Squadron's compound on City Island for \$5 a year. We have the speed and thrills of racing (up to 25 mph), and with a 5" draft we can skim over most of the sand bars.

"As a hobby, this is cheaper than golf, shooting, or archery, which I've tried," Dave says, "and our whole family can enjoy it together. We're out on our Hobie Cat almost every weekend. Members of Hobie Cat Fleet #39 go sailing together, picnicking, racing, etc. We're getting a lot of family recreation at very low cost." Dave plans to try water skiing with his Hobie Cat next.

Jim Magee, Reliability Engineer, has another approach to sailing for family fun. Jim, Linda, and their daughter have joined a sailing club. The annual membership fee gives them trouble-free use of several large sailing vessels--a 24-foot Morgan, 26' Cal, 29' Seafarer, plus a 27' Catalina now on order.

As members of the Sarasota Bay Yacht and Sailing Club, the Magees have no maintenance problems, are not responsible for gas, oil, insurance, slips or replacement of gear. You simply reserve the boat you want, in advance, and off you go.

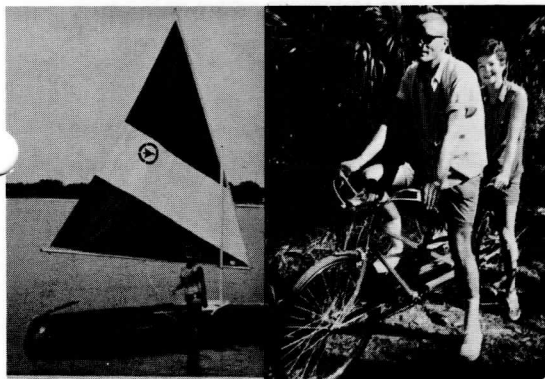
"There are fifty member families in the local Club right now. We have some social get-togethers, but mostly it's just family sailing whenever we can get out for the day," Jim explains. New members must have on-board instruction -- and the instructor is a Maritime Captain. Members also have the privilege of using the Fort Lauderdale Club facility.

"Our annual membership fee is giving us a lot of sailing pleasure and family recreation," Jim says. "We don't have the big investment of buying a boat or any maintenance problems."

Jeanie and Keith Thatcher combine sailing, camping and cycling for their regular weekend recreation activities and vacations. Jeanie is an Assembler in Production; Keith is a Buyer in Procurement and formerly was in Production Test and Quality Assurance.

Together, the attractive couple have devised a way to enjoy many economical mini-vacations. About every other weekend, they take their 23' Starcraft Travel Trailer, their 14' Jetwind sailboat, and their Schwinn 5-speed bicycle-built-for-two, and off they go to Fort DeSoto Park on the Gulf, south of St. Petersburg. At

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Jeanie Thatcher with 14' Jetwind

Keith & Jeanie Thatcher

the pleasant, tree-shaded campgrounds, right on the beach, the couple can camp, swim, fish, bicycle, sail and relax.

"It's a great safety valve," Keith says. "We do our chores during the week and use the weekend to unwind. The short trip takes very little gas, and we save energy -- the car is parked all weekend; the house is closed up; our sailboat takes only wind power, and the bicycle uses people power!"

Expensive? "Not for all the fun we get out of all three--sailboat, trailer and bike. We're doing what we enjoy now--not later," Keith says.

History tells us that back in 1513 Ponce de Leon anchored his sailing ship off the islands which are now Fort DeSoto Park. Jeanie and Keith think it's a great spot for their sailing, too.



Thatcher sail boat goes on top of the car.

## EMR PROVIDES AIRCRAFT FLIGHT TEST EQUIPMENT FOR FAIRCHILD A-10 PLANE

EMR-Telemetry is supplying Fairchild Republic Company, Farmingdale, Long Island, with airborne and ground telemetry/computer data handling equipment for use in the A-10 military aircraft program.

Fairchild was the successful contractor for the A-10 aircraft after a dramatic "fly-off" contest between two planes developed by two major aircraft companies. Ten pre-production aircraft are to be built by Fairchild. EMR is providing vital instrumentation for handling flight test data for the first five aircraft.

"We are currently supplying a total of four airborne systems and one ground telemetry/mini-computer system for this flight testing, in addition to similar systems previously delivered to Fairchild," says Program Manager Wiley Dunn.

## ANNIVERSARY GREETINGS



Don, Carmen, Royal, Wyatt, Dorothy, Jack

Major service milestones are being observed by a select group of EMR-T employees. Marking 15 years and 10 years with the company during August are:

1959: Wyatt Bishop, Don Bolt, Carmen Ireson, Dorothy Watson

1964: Royal Bechtold, Jack Cain

Employees marking service anniversaries of five years are:

July: Gary Bowers, Kay Cole, Frank Santor

Aug.: Jerry Belveal, Cheryl Brown, John Norton

## TWO NEW VOICES



Telephone Operators Tillie and Carol

The cheerful voices greeting incoming callers at EMR these days belong to our two new Telephone Operators--Otilie Erberfeld and Carol Warmbier. After only a few weeks on the job, the two ladies share this mutual sentiment: "We love our jobs . . . and please ask everybody to be patient with us!"

Tillie originally joined EMR's Production Department back in 1969. Recently she worked in Quality Control until transferring to our busy switchboard. A native of Germany, and mother of three youngsters, Tillie is proud of her most recent achievement--attaining U. S. citizenship just this month.

Carol moved to Florida from Illinois. After attending Sarasota schools, she went to a fashion college in Atlanta for a year. Currently, she's trying to improve her water skiing.

## FIRST ART SHOW HUNG

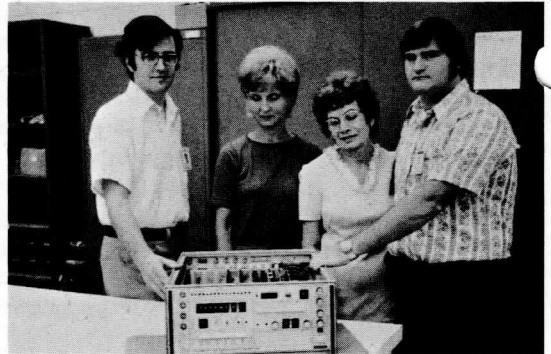
Congratulations to the EMR employees and members of employees' families whose works were accepted in our first EMR-T Employees Art Show in the lobby of our Administration Building.

Exhibitors include: Betty Bost (wife of Frank Bost of Export Marketing); Glenn Campbell, of Plant Engineering; Carolyn Cox, of Materials; Bill Fairbrother, of Design & Drafting; Caryl Faso, Engineering; Tom Flannery, Design & Drafting; Eve Hall (wife of Charlie Hall, Engineer-

## MODEL 721 GETS GOOD CUSTOMER ACCEPTANCE

One of EMR-T's newest products, the Model 721 Telemetry Bit Error Rate Detector, is meeting very favorable customer acceptance, with orders already booked from seven different customers.

Our Model 721 is a special purpose piece of test equipment designed for testing PCM communications links, tape recorders and bit synchronizers, such as the EMR 720. According to Project Engineer Gerry Maki, "The transmitter section of the 721 generates all the commonly used (IRIG) PCM signals and simulates the signal degradation normally encountered in real systems. The receiver section includes error detection circuitry which displays system performance parameters." (That means the 721 will check out your system and tell you what's wrong!)



Gerry Maki, Pat Bowers, Fannie Johnson and Dick Van Deusen represent the Engineering and Production teams working on the EMR Model 721.

### ART SHOW (cont'd)

ing); Dawn Hirter, of Engineering Document Center; Angie Pritchard, of Accounting; Jerry Snyder (husband of Jo Snyder of Production Control); Nancy June (Ellis) Thorn (neice of Pat Prince, of Production). "We were impressed with the variety and talents involved," said Carolyn Cox, "and we are planning another employee show to be hung in September."