

RESEARCH EXPEDITION TO TRY FOR PICTURES AT NEW OCEAN DEPTHS

National Geographic Society's Special Electronic Flash Camera to Be Used in 25,000 Foot Romanche Trench

WASHINGTON. — An ocean research expedition off the west coast of Africa will try this month for the deepest photographs ever made in the sea.

If all goes well, the National Geographic Society-Calypto Expedition under Captain Jacques-Yves Cousteau will then sail 500 miles westward along the Equator to repeat the experiment in the 25,000-foot Romanche Trench, one of the deepest holes in the Atlantic.

Undersea Frontier

For four years the society has co-sponsored the work of Captain Cousteau and the Calypso, a diving-research ship that already has made scientific history. The project reflects the society's pioneer interest in the seas as the earth's last frontier of major geographical secrets, president John Oliver La Gorce stated.

As far back as 1927, the National Geographic Magazine published the world's first undersea photographs in color.

Inventor of the new camera for use at great depths is Dr. Harold E. Edgerton of the Massachusetts Institute of Technology. In tests his instrument has withstood pressures greater than that at the deepest known point in the oceans.

The camera will be lowered by the longest nylon line ever woven in one length—28,000 feet, five and a half miles long, yet only a quarter of an inch in diameter. Another cable the same length but half an inch thick will be used to anchor the Calypso over the great deeps. Completed in June at the Sampson Cordage Works in Shirley, Massachusetts, the braided nylon cables are virtually weightless when submerged—weightless because they have almost the same specific gravity as sea water. Thus the line itself adds little if any strain as the 100-pound Edgerton camera is lowered into the far depths.

New Record Deep

In addition to electronic lights, the camera carries a position indicator that operates by bouncing sound waves from the sea floor beneath. At depth, it makes exposures timed to the split-second flash of high-voltage lights. Large numbers of photographs can be made in one lowering.

The deepest undersea photo yet made was taken by David Owen of Woods Hole Oceanographic Institution in 1950 at 18,000 feet. Thus if the Edgerton camera catches a glimpse of the bottom at 18,500 feet, in the unnamed depth at 10 degrees west longitude, it will have set a new record. The Romanche Trench, if plumbed, will exceed that by nearly a mile and a half.

Both Captain Cousteau and Dr. Edgerton will be aboard the Calypso on the voyage of exploration. The vessel, carrying scientists of the French National Museum of Natural History in Paris, plus National Geographic staff photographer Bates Littlehales, has been at work in waters of the Gulf of Guinea around the islands of Fernando Poo, Principe, Sao Tome, and Annobon.

Telephone Company Is Offering Stock To Its Employees

An Employee's Stock Plan, the first of its kind for Carolina Telephone and Telegraph Company, is scheduled to be put into effect on September 7.

The plan will enable employees of the company with more than three months' service to purchase the company's stock on a payroll deduction installment arrangement at the rate of \$5 per month per share. Employees of the company will be allowed to purchase one share of stock under the offering for each full \$500 of annual earnings. The stock will be sold to employees at 83% of the average bid and asked price of the stock on the last day of the month on which payments are completed. However, the price will not be more than \$150 or less than \$100 per share.

Stockholders of the telephone company held a special meeting on Aug. 10 to amend the charter of the company to enable the Employees' Stock Plan to be offered. The amendment to the company's charter stipulated that a total not to exceed 20,000 shares of common capital stock may be issued to employees. Directors of the company authorized the offering of 12,000 of the shares to eligible employees. The remaining 8,000 shares may be authorized by the board at a later date.

J. F. Havens, vice president in charge of personnel and public relations, stated that the company management felt that much would

be gained by having employees become stockholders in the firm. The company now employs some 2,200 people and Havens stated that preliminary surveys indicated the majority of the employees would participate in the stock purchase plan.

Mrs. Henry Tilley Heads Church Group

BULLOCK, Sept. 6.—On Thursday night, Aug. 30, at 8 o'clock in the home of Miss Linville Royster, the Pauline Gillispie Circle of Bullock Baptist Church met for their monthly session.

During the business meeting, new officers were elected as follows: President, Mrs. Henry Tilley; vice president, Mrs. Franklin Gill; secretary, Mrs. Tom Cutts. Elected for mission work were Mrs. Sonny Williams, Mrs. Bob Hyler, Mrs. Floyd Hellams, Mrs. Frances Kelly, and Miss Linville Royster. An interesting program was given by several

members. Refreshments consisting of Coca-Cola, home made cookies, potato chips and nuts were served to Messdames Franklin Gill, Robert Walker, Tom Cutts, Henry Tilley, Bob Hyler, Royster, Hobgood, Sonny Williams, John Norwood and Miss Linville Royster, Fann Cutts, Nancy Williams and Mary Lou Morgan were visitors.

Former Cop Adjudged Guilty in Lee Court

Sam L. Bagwell, one of the state's most controversial cops, was convicted this week in Lee County Court on a charge of driving drunk. He was fined \$100 and costs. His operator's permit was revoked for a year.

Through his attorney, Bagwell appealed the case to Lee County Superior Court.

A former policeman here and in Franklinton, Bagwell more recently

was chief of police at Apex. Bagwell denied being intoxicated.

Adult Home-making Classes Organized

BUTNER, Sept. 6.—A series of adult home-making classes began August 28 in the lobby of the Employees' Residence at Butner. Miss Emma J. Grissom, home economics teacher in the G. C. Hawley High School, is the leader.

The classes are to be held at 7:30 p. m. each Tuesday and Thursday for six successive weeks.

At the opening meeting on Aug. 28, the group decided to work on "clothing construction with emphasis on dressmaking."

Herbert Cooke Joins Louisburg Law Firm

Herbert Cooke, recent graduate of the Wake Forest Law School, has

joined the staff of Edward Y. Yarbrough, Franklinton attorney. Cooke, formerly in the undertaking business at Franklinton, his home-town, is the son of Mrs. Sally Petty Cooke and the late Walter W. Cooke. He is a graduate of Florida Southern College.

The young lawyer has represented clients in court here on a number of occasions.

Wake Formers Win Top CPL Prizes

Three Wake County farm communities grabbed the cream of \$2,650 in prizes for the two-state, 1956 Farmer Contest, Carolina Power & Light Company, contest sponsor, announced today.

Taking first prize of \$350 in the contest based on soil and water conservation was North Wendell community. Second prize of \$250 was awarded Olive Chapel. Holly Springs took one \$150 third prize

and another went to Dawson, Halifax County (N.C.), the only non-Wake County community to place. Prizes also were awarded county board of soil conservation supervisors and individual supervisors.

The first board prize of \$250 was won by Wake County, the second of \$100 went to Darlington County (S. C.), and Buncombe County (N. C.) gathered a \$100 third prize.

A top \$175 prize was awarded soil conservation supervisor Alvin Wilson of Dawson, second prize of \$150 went to Marsh Knott of North Wendell, third \$100 prize to B. O. Holland of Holly Springs, and L. O. Fage of Olive Chapel took the fourth prize of \$75.

The contest judges — Dr. T. S. Bule, S. C. state soil conservationist, and J. Frank Doggett, N. C. extension service soil conservationist — selected 15 other communities that achieved "superior results" for \$50 prizes.

Dates are 75 per cent sugar.

KENTUCKY FARMER FINDS 'AIN'T JUST HAY'

SCOTTSDALE, Ky. — Moda G. Taylor will tell you \$349 ain't hay. But he lost the money in the hay baler, just the same. His wallet fell out of his pocket and into the machine. Yesterday the 44-year-old farmer was notified the Federal Reserve Bank in Washington would redeem the loss since serial numbers were still visible on the chewed-up money.

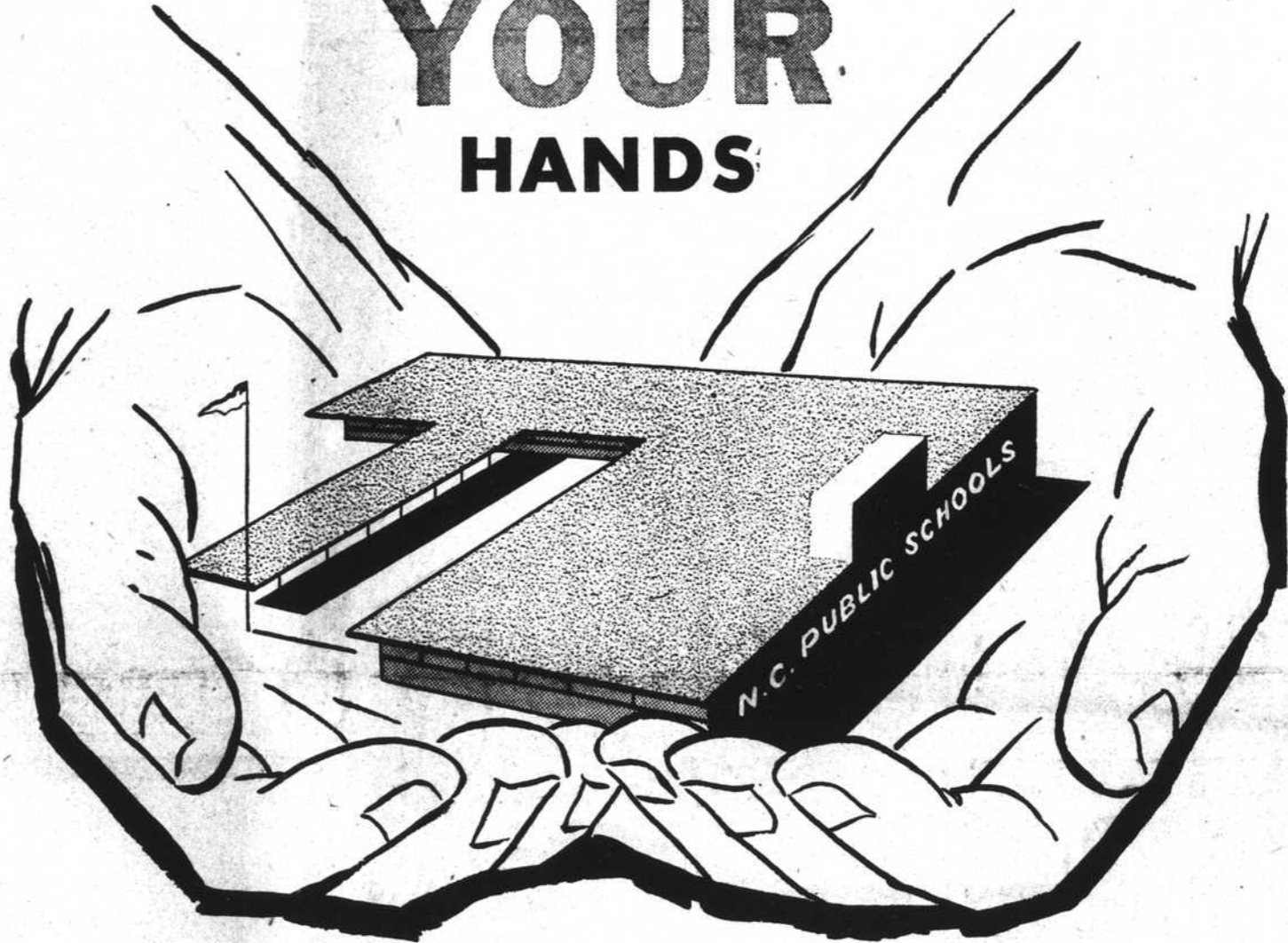
"But from now on," said Taylor, "I will leave my pocketbook at home while baling hay."

There were 463,500 miles of natural gas pipelines in the United States at the beginning of 1956.

Sherwin-Williams Paints at New Low Prices — Now you can paint the average home for \$50.00 — two coats, too. Let Samuel Davis Hardware figure with you on that paint and SAVE, SAVE, SAVE. 0 28 ea fri tf

YOUR PUBLIC SCHOOLS

ARE IN YOUR HANDS



They need your support and protection

VOTE FOR

The public school amendment
(THE PEARSALL PLAN)
Saturday September 8th

—The carefully studied and developed plan overwhelmingly approved by the Legislature in Special Session permits local option safety controls by local school boards in the interest of harmony among all our people and assurance of the future education of all our children!

ON TV AT 8 TO 8:15 P.M. SEPTEMBER 7
ON RADIO 8:30 to 8:45 P.M. FRIDAY, SEPTEMBER 7

Luther H. Hodges
LUTHER H. HODGES
Governor

The future of one million school children depends on Your vote FOR the amendment...

FALL

SHOPPING TIME IS HERE

Come see our
FASHION FIRSTS FOR FALL

Durham Welcomes You!