

How Atlanta Cable Is Made To Stand

Copper Wire Must Be Protected Against Dangers Of The Sea.

A modern submarine cable is an intricate piece of work. Not just so many strands of copper wire covered with insulation. Indeed there are numerous "layers" to the new cable. The Bay Roberts-Horta cable, for example, employs three different types of core.

The two ends of the cable, each extending about 160 miles from shore, have a core consisting of 50 pounds of copper per nautical mile and 300 pounds of gutta percha per nautical mile. The next section, which is about 70 miles long on each end, has a core of 325 pounds of copper per nautical mile, 50 pounds of mumental per nautical mile and 270 pounds of gutta percha per nautical mile. The main section of this cable has a core which contains 280 pounds of copper per nautical mile, 60 pounds of mumental and 225 pounds of gutta percha.

For the entire section of the cable the central copper conductor is surrounded by five spirally wound copper strips. The new alloy, known as mumental, originated in the laboratories of the Western Electric company, is applied in the form of a small wire wrapping around the copper. This is one of the factors which permit the new cable to transmit four messages in each direction at once.

Around the gutta percha in the shallower water the core is surrounded by a thin brass tape, 4 mils thick. This tape is put there as a protection against sea animals. The core is then covered with jute yarn, which is treated with a preservative compound. This jute yarn serves to provide sufficient bulk to the cable so that the armor wires will form a closed circle around it.

Over the jute, sheathing wires are twisted in long spirals. This sheathing protects the cable and provides the requisite tensile strength. In the deep sea section each sheathing wire is covered with a special preservative compound and a tape. A jute yarn over this tape constitutes the outer core preservative covering of the cable.

The new Western Union cable between Bay Roberts and Horta was made in England by the Telegraph Construction and Maintenance company. Work on it was begun in April of this year and completed late in July. It cost \$1,800,000.

SIMMONS LIKELY TO SPEAK AGAIN

Senator Indicates Likelihood of Second Political Attack On Governor Smith.

New Bern, Oct. 15.—While Senator F. M. Simmons, senior senator from North Carolina and recently resigned national Democratic committeeman from North Carolina, declined tonight to make definite announcement he indicated that he probably will make another political speech before the presidential election date.

He said that he was not sure that he would make another and did not at this time know the time and place of his deliverance, but considered it likely that he would speak somewhere in the state again before election date.

Senator Simmons vigorously attacked the candidacy of Governor Smith in his initial address of the campaign at New Bern. He declared his intention to take active part in defeating the nominee after he resigned his post as the state's national Democratic committeeman following the nomination of Governor Smith at Houston.

No. 1 Township News Gleanings

Men Of Camp Creek Church Entertain Women. Singing At Mr. Earl's Home.

(Special To The Star.) The men of Camp Creek Sunday school entertained the women of the C. C. Sunday school last Saturday afternoon at Mr. Bulo Earl's Spring. They served fish, wieners, sandwiches, cake and hot coffee. The affair was enjoyed by all present.

Misses Exie Humphries and Vernier Byars spent last week-end with Mrs. Arthur Shufford of Grassy Pond.

There was a singing at Mr. Bulo Earl's last Saturday night. A crowd of young people were present.

Mrs. Frank Bailey is on the sick list, also Miss Connie Scraggs. A number of our people attended the funeral of Mr. Addie Dobbins at High Shoals last Saturday afternoon.

Mr. and Mrs. Summie Allison visited their son, Jim, who is in school at Morganton, last Sunday.

Mr. and Mrs. Goldin Humphries of Gaffney, spent last week-end at Mr. W. W. Hawkins.

NOTICE OF SALE OF LAND

By virtue of authority invested in me as Administrator with the will annexed of the estate of E. W. Hawkins, I will sell to the highest bidder on Saturday, November 3, 1928, at 2 o'clock p. m., on the grounds of the said E. W. Hawkins place, two and one-half miles from Cliffside, 34 4-10 acres of land belonging to said estate. The terms of the sale will be cash, or 1-3 cash; 1-3 in twelve months and 1-3 in eighteen months.

B. E. HUGHES, Administrator. With Will Annexed.

Try Star Want Ads.

Doctor In North Carolina Is Hailed As Benefactor In Section

Averages About Four Hours Sleep Each Night. Rags On Gate Posts.

Dr. William T. Griggs, of Currituck county, North Carolina is hailed as the benefactor of a large coast area of his home state by The American Magazine which, in its November issue, relates how he is almost constantly on the road, watching for white rags tied to gate posts, a signal that there is illness in the house beyond.

Dr. Griggs, one of the few surviving types of family doctors who in the old days were indispensable benefactors of their communities, is 60 years old and has practiced for more than thirty years in his community. He left a thriving city practice to go back to the community which he believes needed him. After leaving the University of Virginia and setting up a practice in Charlottesville, Va., he returned to Poplar Branch, near his old home and since that time has been working day and night in the interest of his old neighbors.

"Is it a fact that you only get four hours sleep a night?" the interviewer asked him.

He studied for a moment and then said: "I'll average about that. I reckon I remember a period of five weeks, during an epidemic of measles, in which I never removed my clothes. Then the only sleep I got was nodding while riding in my buggy from house to house."

Before automobiles came into use, Doctor Griggs kept eight driving horses and two drivers. "I kept my drivers so busy I had to keep raising their pay to hold them. Now that I use an automobile, it isn't so hard on me."

"It's quite different now from what it was when I first started practicing. Then, the roads were nothing more than trails. We had no automobiles and no telephones in this section. I had hard going to reach my patients. I remember, soon after I began practicing here, I was called to visit a lady seventy years old who was suffering from peritonitis. There was no way to get her to a hospital and I was up against it."

An old doctor who had retired was living near me, so I sent for him. He came and looked my patient over. Then he said, "William, if she isn't carried to a hospital she's going to die; but there's no way to get her to one. If you operate she's going to die anyway. With his help however, I performed the operation and my patient got well and lived to be eighty-five. That was one of my first cases and one that I am proudest of."

The doctor has a thirty-mile trip of beach in his territory. On this beach live members of the "Coast Guard with their families, gun-club guides, and fishermen. The only way to reach this region is by boat, across a treacherous body of water from three to six miles wide.

"A few years ago, one of the guides at the gun club on the beach had his arm shot to pieces. The sound was frozen over, and we were having a terrible snowstorm. In some places the ice would hold a person up, and in some places it wouldn't. It took three men and a boat to get me over there. We shoved the boat through the ice until it was cut through and started leaking; then we got it on the ice and managed to get across. I amputated the arm and saved my patient; but I didn't get home until the following day. When I did arrive, I was wearing two storm coats and a lady's neckpiece. You see, my patients take good care of me."

Doctor Griggs gives more than his services to the poor. It is said of him that on many occasions when he visited homes and found the occupants in destitute circumstances he not only refused to make a charge for his services but had groceries sent at his own expense, until the head of the family was able to get back to work again.

When questioned concerning the rags on the gate posts along the highway, Doctor Griggs smiled. "That's a system of grapevine telegraph," said, "that my patients picked up from their mountain kinsfolk. You see, a great many of them do not have telephones; but they know I travel that road both day and night, every day in the year. So if there is anyone sick in any of these homes which do not have telephones, they hang a white rag on the gate post in the day and a lantern at night. I always look for them, and I haven't missed one yet."

William T. Griggs is more than a physician. He is a friend and a neighbor whose pleasure in life is helping those who cannot help themselves. For more than thirty years he has been too busy helping others, in fact, to give a thought to his own comfort.

JAPAN AND RUSSIA WORK TOGETHER IN OIL FIELDS

Moscow.—Signs of closer co-operation between Japan and Russia in the exploitation of oil resources on Sakhalin Island were recently disclosed when Admiral Nakaato, on behalf of the "Japanese Sakhalin Oil company," signed a contract with Russia's trade agent in Japan for the purchase of 65,000 tons of oil.

PRIVATE AIRPLANES ARE STILL RARE IN GERMANY

Berlin.—The official German list of licensed airplanes owned by private persons, industrial and commercial concerns shows that in all Germany, there are only 636 planes in private possession. A big circus leads with five planes, next come the well known Ullstein newspaper concern with three, thereafter follow industrial firms, cigarette and candy manufacturers. The state of Bavaria is owner of two planes.

Or, as the poet might have put it, Let Me Live in a House by the Side of the Road and Run a Hot-dog Stand.—Macon Telegraph.

A typewriter for composing music having been invented, it merely remains to turn out a machine to listen to the results.—Manchester Union.

Report Of The Condition Of The UNION TRUST COMPANY AT Shelby, N. C. To The Corporation Commission At The Close Of Business On The 3rd Day Of October, 1928.

Resources.	
Loans and discounts	\$885,406.62
Overdrafts	1,084.49
United States bonds	51,921.88
All other stocks and bonds	25,900.00
Banking house	4,000.00
Furniture and fixtures	5,000.00
Cash in vault and amounts due from approved depository banks	52,472.13
Checks for clearing and transit items	5,333.84
Due from banks (not approved depositories)	318.96
Cash items (items held over 24 hours)	3.50
Other real estate	1,000.00
Total	1,032,441.42
Liabilities.	
Capital stock paid in	100,000.00
Surplus fund	80,000.00
Undivided profits (net amount)	4,423.34
Reserved for interest	31,095.07
Reserved for taxes	1,500.00
Demand deposits due banks	21,786.55
Other deposits subject to check	222,488.54
Cashier checks outstanding	1,670.55
Time certificates of deposit (due on or after 30 days)	402,465.09
Savings deposits (due on or after 30 days)	16,037.00
Uninvested trust deposits	58,975.23
Bills payable	82,000.00
Total	1,032,441.42

State of North Carolina, County of Cleveland, Forrest Eskridge, cashier, Chas. C. Blanton, director, and J. T. Bowman, director of the Union Trust Company Bank, each personally appeared before me this day, and, being duly sworn, each for himself, says that the foregoing report is true to the best of his knowledge and belief.

FORREST ESKRIDGE, Cashier. CHAS. C. BLANTON, J. T. BOWMAN, Directors. Sworn to and subscribed before me this 15th day of October, 1928.

Frank L. Hoyle, Jr., Notary Public. My commission expires June 8, 1930.

Report Of The Condition Of The CLEVELAND BANK AND TRUST COMPANY BANK AT Shelby, N. C. To The Corporation Commission At The Close Of Business Of The 3rd Day Of October, 1928.

Resources.	
Loans and discounts	\$36,413.40
Overdrafts	1,650.20
Banking house	27,954.46
Furniture and fixtures	13,595.24
Cash in vault and amounts due from approved depository banks	63,565.06
Checks for clearing and transit items	5,297.63
Cash items, items held over 24 hours	208.50
Other real estate	9,949.66
Total	658,699.15
Liabilities.	
Capital stock paid in	125,000.00
Surplus fund	21,000.00
Undivided profits (net amount)	10,045.45
Reserved for depreciation	2,718.44
Other deposits subject to check	195,449.11
Cashier checks outstanding	1,252.79
Time certificates of deposit (due on or after 30 days)	228,233.36
Bills payable	75,000.00
Total	658,699.15

State of North Carolina, County of Cleveland, J. J. Lattimore, cashier, Wm. Lineberger, director, and C. Rush Hamrick, director of the Cleveland Bank and Trust Company Bank, each personally appeared before me this day, and, being duly sworn, each for himself, says that the foregoing report is true to the best of his knowledge and belief.

J. J. LATTIMORE, Cashier. Wm. LINEBERGER, C. RUSH HAMRICK, Directors. Sworn to and subscribed before me this 10th day of October, 1928. J. L. Suttle, Notary Public. My commission expires January 26, 1930.

INGRAM--LILES

Makes Suggestions For Your Fall Purchases In Ready-To-Wear



New shipment of Dresses just arrived in Velvets, Crepes and Satin Crepe and Velvet combinations. Priced special at \$9.75 - \$16.75 - \$19.75 - \$24.75 - \$29.75 and \$39.75.



We are showing a beautiful line of Ladies' Misses and Children's Coats in all the latest materials and shades, in price ranging from \$6.95 to \$39.75 in ladies and from \$3.98 to \$9.98 in children's.



We also have a very attractive line of Sport Dresses in Wool Jersey at \$4.95 and \$9.75, and Silk and Wool and Wool Suiting Dresses at \$9.95 and \$16.75.

One special lot Ladies Silk Dresses to go at \$3.98.



Sweaters for the entire family. Infants' and Children's from 95c to \$2.75. Junior sizes 98c to \$7.95. Ladies' \$1.50 to \$9.95. New things received in the Millinery Department every day. Prices from 98c to \$5.98.



INGRAM--LILES CO.

—SHELBY'S POPULAR PRICE STORE—

ANNIVERSARY SALE

OF Harrelson-Fanning Co.

Cherryville & Rutherfordton Stores

Sale Starts Saturday October 20th

Sale Continues Through Saturday, October 27th

Beginning Saturday morning we will offer thousands of dollars worth of fresh, clean merchandise, throughout the store at the lowest possible prices—including shoes, clothing, read-to-wear, millinery and notions.

Supply Your Winter Needs From This Offering Of Fall Goods At Low Prices.

A finer lawn next spring... if you protect it NOW!



GARDENERS and nurserymen say fall is the best time of year to make new lawns. Also the time to give special care to old lawns.

For properly nourished now, grass is hardier and in much better condition to withstand freezing weather, and will have a head start for early growth in spring. To assure vigorous growth, better root systems, thousands of home owners have come to rely on Vigoro. Complete, balanced—it

supplies all the elements of plant food growing things need. It increases the humus in the soil. It helps check weeds.

Clean, odorless, Vigoro can be applied with your kitchen colander. Just apply light top dressing—no spading!

A most practical, effective, economical way to assure finest results! Only 10c to 20c for every 100 square feet!

See your dealer now. Full directions in every bag—100, 50, 25 lb. sizes; 5 lb. packages. A Swift & Company Product



So clean, odorless, can be sewn by hand!

VIGORO

Makes better lawns, gardens flowers, trees and shrubs

Endorsed by leading landscape gardeners, nurserymen

FOR SALE BY Campbell Dept Store

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SHELBY, N. C.