

ANOTHER CABLE HAS BEEN LAID ACROSS THE ATLANTIC; CAN HANDLE 2500 LETTERS A MINUTE

New York, July 9—Laying of a new trans-Atlantic telegraph cable between New York and London which will be operated at eight times the speed of any now in use between these two points has been started by the Western Union Telegraph Co.

The cable laying ship *Colonia* largest of its kind in the world sailed from Bay Roberts, Newfoundland to begin laying the section between that point and Penzance, England. The section between New York and Newfoundland will be laid after the transmit 2,500 letters every minute or approximately 42 a second.

This amazing speed can be obtained only by use of the new permalloy sheathing with which the copper core of the cable is wound. Before the discovery of this metal which is an alloy of iron and nickel, it was possible to transmit only 300 letters a minute. The limitation lay not so much in the sending apparatus as in the cable itself.

New Covering

When electrical impulses are sent over a cable, the effect remains for a fraction of a second after the original impulse has ceased, so when the impulses follow one another too quickly one runs into the other and the messages cannot be deciphered. This permalloy wrapping, however makes this drag, almost negligible so several hundred impulses may be sent every second without the loss of clarity.

To send messages at the rate of 2,500 letters a minute, it is necessary to transmit four or five messages in each direction simultaneously, as no single automatic receiving machine can record at this rate. So several messages are sent together, first a letter of one, then a letter of second and so on. A rapidly revolving commutator distributes the letter impulses between four or five recording machines—thus "unscrambling" the messages.

This commutator also automatically arranges that the letters of outgoing messages shall be sent during the infinitesimal fractions of a second which elapse between the receipt of each letter of the incoming messages.

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3,800 Miles Long.

The only cable approaching in capacity the one now being laid is that—also with a permalloy sheathing—which recently was laid from New York to the Azores, which is able to send 1,500 letters a minute. The extra 1,000 letters a minute are possible owing to improvement in the manufacture of the new cable.

The diameter of the cable in deep water is only one inch. In shallow water a cable must be heavier in order to withstand the wear due to movement of the cable against the bed caused by the tides and waves.

The new cable when completed, will be 3,800 nautical miles long. It will be the twentieth cable across the Atlantic by the Western Union Co. It is expected to be ready for use by September.

THE OLD HYMNS.

Oftentimes we sing the old songs That we sang so long ago From the shabby little hymn book That our mothers used to know. "Shall We Gather at the River?" "Beulah Land," "Abide With Me," And the "Yield Not To Temptation" That we shouted tonelessly.

"When he cometh, when He cometh" Thus we sang in childhood's day, "For His jewels, precious jewels," Happily we piped away! "He will save you! He will save you."

Blessed promise, ringing true. "When the roll is called up yonder," And "Throw out the Lifeline," too.

Oftentimes we sing the old songs That we sang in days gone by. In the meeting house we gathered When the morning sun was high Oh, the old songs bring us nearer To the God of childhood days Than the finest voice uplifted In the modern hymn of praise.

—ANNE CAMPBELL in Detroit News.

Prof. W. F. Ganong Here.

Prof. W. F. Ganong, of Smith College, Northampton, Mass., is at the Queen. Prof. Ganong is one of the distinguished graduates of U. N. B. and is a well known authority in matters scientific and historical.

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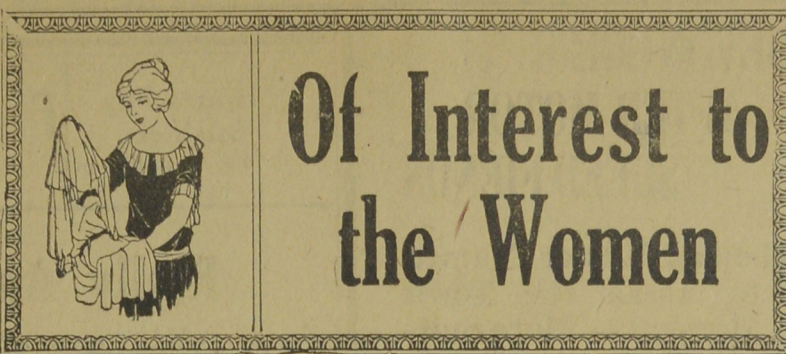
ALONZO STAPLES, 100 York Street.

A. J. HANLON, 83 Regent Street.

W. GRIEVES, Cor. Regent and King Streets.

RAY BARKER, Cor. Carleton and King Streets.

WESLEY ERB, 266 York Street.



Of Interest to the Women

Lettuce With Egg and Ham Paste Sandwiches.

6 hard boiled eggs
1 cup or 1-4 pound cooked ham
1-2 cup mayonnaise or salad dressing of choice
1-2 cup stuffed olives
Whole wheat bread.
Lettuce
Rub the hard boiled eggs through coarse strainer, add the ham and olives, which have been put through food chopper; add the mayonnaise and mix well. Spread two slices of bread with the ham mixture and place a lettuce leaf between.

Anchovy Paste and Egg Sandwiches.

Small jar anchovy paste
3 hard boiled eggs
1 teaspoon onion juice
Thinly sliced rye bread.
Put the hard boiled eggs through fruit press or mash through strainer add to the anchovy paste and onion juice; mix until smooth. Spread between thinly sliced rye bread and cut into finger shapes.

DEVILED EGGS.

6 hard boiled eggs
1-2 teaspoon mustard
1-2 teaspoon salt
1 teaspoon sugar
1 tablespoon finely chopped parsley
Dash cayenne pepper
Dash paprika
1 tablespoon butter or olive oil
1 tablespoon vinegar.
Cut the hard boiled eggs in half lengthwise, remove the yolk, being careful not to break the white. Powder the yolk with silver fork then add the mustard, salt, sugar, cayenne pepper, paprika and vinegar mixed together the olive oil or melted butter; mix until smooth.

Fill into whites of eggs and rough with fork, one cup of salad dressing of choice may be used to season the yolks of eggs if desired.

Pineapple and Cream Cheese Sandwich.

1 cup crushes pineapple
1 Philadelphia cream cheese
A few grains of salt
Thin slices of buttered whole wheat bread.

Drain the pineapple, saving the juice to use in lemonade. To the drained pineapple add the cheese and salt; mix well and spread between the buttered whole wheat bread; put lettuce leaf between.

Mrs. A. R. Wetmore who has been visiting her sister at Ottawa for some weeks has returned home.

Sneezing Colds, Running Eyes, Quickly Relieved

TO DRIVE AWAY YOUR COLD, SIMPLY BREATHE

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When your throat rattles with cold, when your lungs and chest are sore, when you spit and sneeze—remember that healing CATARRHOZONE will bring speedy relief. Two months' treatment \$1.00. Small size 50c. Refuse a substitute. At all druggists.

Orange Marmalade And Cream Cheese Sandwich.

1 cup orange marmalade
1 cream cheese
Thinly sliced whole wheat bread
Mix the orange marmalade cream cheese and pinch of salt together; spread bread with butter; then with the cream mixture. Press together and cut into three cornered pieces on finger shapes.

Last Minute Sweets For The Children.

Graham crackers
Cocoa paste
Cocoanut
Spread the graham crackers with the cocoa paste and sprinkle liberally with the cocoanut which has been slightly browned in the oven.

Counter Check Books ALL SIZES AND STYLES

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The Mail Printing Co.

Teacher (during a lecture on success)—Why should we endeavor to rise by our own efforts?

Tommy—Because there's no telling when the alarm clock may go wrong.

Teacher—What is meant by The Board of Health?

Roger—The Board of Health is a board that is put upon the house when any one is sick.

Howell—I wonder what became of the fellow who used to invent the names for Pullman cars.

Collins—He's inventing names for the shades of women's stockings now.

Mother—Why cry? Didn't he tell you you were one girl in a million?

Daughter—Yes, but he didn't say which one.

The French Franc Is Going To Par

The French franc recently touched the lowest value in its history. An upward movement set in immediately afterward and carried the franc considerably higher. Its future major movements can hardly be otherwise than upward in nature. Parity of exchange for the franc (19.3 cents or 19,300.00 per 100,000 francs) is now in sight. It is a question of time only.

This situation offers investors of shrewdness and foresight one of the most attractive opportunities of the present generation. It is now possible to purchase French Government 6% Bonds, direct obligations of the Republic of France, at a fraction of their normal exchange value, with assured confidence that as France's economic and financial position approaches its pre-war status, they will show a continuous appreciation in value.

We very strongly recommend French Government 6% Bonds of 1920. Incidentally, we advise the purchase of the Bonds in preference to the currency because from them an interest-income is received. A 100,000-franc French Government 6% Bond can to-day be bought for \$2,700.00. With the franc at parity of exchange its value will be \$19,300.00. Its purchase now, therefore, possesses a potential net profit of \$16,600.00. This is without considering the income from interest coupons which yielding around 7 per cent per annum now will return nearly 43 per cent on the present investment when the franc is quoted at par. These interest-coupons are tax-exempt and can be cashed, at the prevailing rate of exchange, at any bank in Canada and throughout the world.

While the number of investors who perceive that this opportunity prevails only because France is passing through a transient period of recuperation, and who are, in consequence, taking advantage of the current low price to accumulate these governmental securities: while this number, we repeat, is growing, it represents only a fraction of those before whom the facts have been presented. It has always been thus: the man or woman who exercises his or her better judgment, our records attest, has been the investor who earned the most liberal profits.

In discussing economic and financial questions that are purely temporary in nature, the investor is apt to lose sight of the forest for the trees.

It is those who recognize that FRANCE IS FUNDAMENTALLY SOUND; that her recuperative powers were well established following the Franco-Prussian war when French Government Bonds after selling down to 7 per cent of their normal value, completely recovered and soared above par; that ultimately FRANCE WILL TRIUMPH OVER HER PRESENT DIFFICULTIES AS COMPLETELY AS SHE TRIUMPHED OVER THE HORDES WHO SWEEPED HER PEACEFUL VILLAGES AND TOWNS IN THE DAYS OF THE GREAT WAR; it is such investors who are to-day accumulating French Government 6% Bonds.

It was the same class of investors who reaped fortunes through their investments in selected issues of depreciated government bonds of other countries during the past five or six years.

In March, 1919, the pound sterling reached the lowest point in its history, selling for \$3.19 in the markets of the world, against a par value of \$4.8665. At that time many said the pound would never return to its pre-war value, that it would have to be "stabilized" permanently around \$3.25. But everyone knows that sterling has since CROSSED PAR. To be sure, there were many critical periods during its recovery but the important point is that the pound is again worth its normal exchange value.

The astute investor is not greatly concerned over the minor fluctuations in French exchange, when he invests in French Government 6% Bonds. He not only knows that he owns Government Bonds, the principal and interest of which are fully guaranteed by one of the world's greatest powers, but he is well aware of the fact that FRANCE HAS NEVER DEFAULTED ON INTEREST PAYMENTS NOR FAILED TO PAY THE PRINCIPAL of her Bonds at maturity and furthermore, that no unit of currency has ever risen to its par value without reactions.

Not only the course of the pound sterling taught the lesson that despite periods of exchange depression, a nation's money is bound to recover when the nation is fundamentally sound and is making every effort to restore financial equilibrium.

The Swiss franc a few years ago was worth only 15.14 cents or \$15,140.00 per 100,000 francs—yet to-day it is quoted above par or at more than \$19,300 per 100,000 francs. The value of 100,000 Swiss francs has increased by more than \$4,160.00 within a comparatively short space of time.

The Dutch Guilder, Holland's monetary unit, following the war depreciated from its par value of 40.20 cents or \$40,200.00 per 100,000 guilders, to 29.3 cents or \$29,300.00 per 100,000 TO-DAY 100,000 guilders are again worth \$40,200.00, showing a NET RISE of \$10,900.00.

The Swedish krona, normally worth 26.8 cents or \$26,800.00 per 100,000 krona, dropped to 17.65 cents or \$17,650.00 per 100,000. In a few years the unit has completely recovered all its losses and at present the value of 100,000 Swedish krona is \$26,800.00. During the period, the value of 100,000 krona increased by \$9,150.00.

In less than two years the Japanese yen has RISEN from 37.875 cents or \$37,875.00 per 100,000 yen, to 46.95 cents or \$46,950.00 per 100,000. Despite the great havoc wrought by the earthquakes on the country's economic life, the value of 100,000 yen has increased by \$9,075.00 in LESS THAN TWENTY-FOUR MONTHS.

Everyone knows how rapid has been the rise in Danish and Norwegian exchanges. These countries have been faced with critical economic conditions but the Danish krone is now worth 26.50 cents or \$26,500.00 per 100,000 krone whereas in 1921 it had fallen to 13 cents or \$13,000.00 per 100,000. The value of 100,000 Danish krone has increased by \$13,500.00 in less than five years' time. The Norwegian krone has RISEN from 11.7 cents or \$11,700.00 per 100,000 krone, to 22.04 cents or \$22,040.00 per 100,000, showing a NET RISE of \$10,340.00 PER 100,000 DURING THE SAME PERIOD.

The Spanish peseta from 11.75 cents or \$11,750.00 per 100,000 pesetas a few years ago, has now recovered to 15.84 cents or \$15,840.00 per 100,000 and the unit is expected to touch par this year.

Leading South American exchanges show similar wide improvements. Within three years the Brazilian milreis has advanced from 8.55 cents or \$8,550.00 per 100,000, to 15.87 cents or \$15,870.00 per 100,000, recording a NET GAIN of \$7,320.00 PER 100,000 MILREIS. The Argentine peso was not long ago worth only 28.37 cents or \$28,370.00 per 100,000 pesos but TO-DAY it is quoted at 40.13 cents or \$40,130.00 per 100,000. The value of 100,000 Argentine pesos has INCREASED BY \$12,060.00.

In the light of these accomplishments it is easy to see that France with a balanced budget, debt funding agreements, in short, definitely ADVANCED UPON THE ROAD TO FINANCIAL RECOVERY, can put the franc back to par (19.3 cents or \$19,300.00 per 100,000 francs) within the comparatively near future.

You are familiar with the thrift that makes France individually, the richest country in Europe to-day. The investor, therefore, cannot help but have confidence in the ability and skill of her forty-odd millions of people, the honesty and integrity of whom has never been questioned.

Make your investment in French Government 6% Bonds TO-DAY not to-morrow when the franc may be higher. We have only to remind you that with the franc at PAR every 1,000-franc French Government 6% Bond will be worth \$193.00; every 5,000-franc Bond will be worth \$965.00; every 10,000-franc Bond will be worth \$1,930.00; every 25,000-franc Bond will be worth \$4,825.00; every 50,000-franc Bond will be worth \$9,650.00 and every 100,000-franc Bond will be worth \$19,300.00.

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