

# The Evening Times and Star

ST. JOHN, N. B., SEPTEMBER 23, 1922

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## RECALLING THE MAYOR.

Upwards of 1,500 duly qualified electors have attached their signatures to the petitions for the recall of Mayor McElliott. That number is greater than the law requires, and the petitions are being filed at City Hall today. The first step in the recall proceedings has been completed, and from now on events should move rapidly towards the election of a new Mayor who will carry out the citizens' policy for the distribution of the hydro current at cost.

The workers who have secured the signatures required in a comparatively short time are to be congratulated not only on their public spirit but also for the carelessness with which they have carried out the task. In their enthusiasm, many citizens who were not on the voters' lists at the time of the last election signed the petitions; these names have been eliminated. Some workers proved un dependable, and their work was done a second time. Several workers, for reasons which have not yet been explained, failed to turn in their lists, and those lists have been replaced by others. The committee in charge has left nothing to chance, and there is every reason to believe that when the lists have been checked they will be found to comply with all the requirements of the law. If it had been necessary much longer lists of signatures could have been secured.

The next step will be the nomination of a candidate to oppose the Mayor in the recall election for which the petitions give authority. By the course which he has taken and the policies which he has favored during the last few weeks, the present occupant of the Mayor's chair has failed to carry out the will of the people. He must be removed—and he will be removed just as soon as the citizens have the opportunity to express their opinion at the polls.

Hydro at cost is the objective of the citizens, and they are determined to attain that objective.

## THE ANSWER TO HEARST.

Some of the New York papers do not mince words in endorsing the action of the electors in some sections of New York State who administered a stunning defeat to William Randolph Hearst in Tuesday's primaries for the selection of delegates in whose hands will be placed the choosing of a Democratic candidate for the post of governor of the state.

"Decent Democracy," says The Post, "has won a victory over the Hearst pocketbook and the Hearst newspapers," and it follows with this graphic word picture of the would-be governor:

"Hearst poses as a radical by virtue of his irresponsible tirades against the corporations and his tendency towards extreme State Socialism; but with his jingoism, his demand for bonuses and heavy tariff burdens, his desire to wreck all progress in rapid transit adjustment, he is actually the reverse of 'radical' in both senses of the word—he is demagogically superficial, and he is reactionary. Any Hearst-stamped candidate would be as bad."

The Times, referring to the defeat of William J. Connors, manager of the Hearst pre-election campaign, in his home constituency in Erie county, as follows:

"The up-State Democrats are yearning and crying for Mr. Hearst. Who and what number their cries in Erie county and Albany county, in Saratoga and in Steuben? Mr. Connors was sure of getting thirty-four out of thirty-eight delegates for Mr. Hearst. His hope and the people were betrayed! Four, not thirty-four was his portion. So, more or less, elsewhere."

While some of Hearst's lieutenants expressed confidence in having enough delegates at the final conference to select Hearst in preference to ex-Governor Alfred E. Smith, the supporters of Smith see Hearst's downfall predicted in the primaries vote. One thing is certain. The majority of Canada's citizens will not shed many tears should Hearst fail to reach the goal of his desire. His anti-British effusions have not tended to endear him to the people of this country, nor have they caused his publications to receive a flattering welcome here.

## THE SUBMARINE CABLES.

When wireless telegraphy was developed to the point at which its use for the transmission of messages over long distances became a commercial possibility and then a reality, it was predicted that it soon would do away with the use of the submarine cables. The great difference in the comparative costs of the two systems, it was believed, would make it possible for wireless messages to be sent at such low rates that the cables would not be able to compete. Wireless rates are considerably lower today, but the cable companies do not seem to be suffering from the competition. Instead of the submarine lines lying idle, they are busier than ever and new lines are being laid to accommodate the increase of business. During the war years, one European company has laid more than 28,000 miles of cable and other companies have laid about the same mileage, only sixty-four years since the

first trans-Atlantic cable was laid, a line 2,500 miles in length stretching from Newfoundland to Ireland, and now the submarine cables of the world total 325,000 miles in length, and in combination with the telegraph lines on land make it possible to communicate from almost any part of the world to almost any other part. On the busier routes as many as six lines are carried in a single cable and practically all the important cable lines are safeguarded from absolute interruption by the provision of alternate routes which can be used in case of accident.

So accustomed are we today to our dependence upon the cable lines for information from all parts of the world, that the wonder of the system has become too commonplace to excite more than a passing thought. But one only has to imagine how the world's activities would be crippled and the chaos that would result if we were deprived of the means of prompt communication to realize what a vital part that communication plays in the conduct of the world's affairs.

## PASSING OF THE WIND-JAMMER.

The continued onward march in the development of mechanically driven ocean transports, and the corresponding decline in the popularity of the old type of sailing vessel, is graphically depicted from year to year in the pages of registry books issued by the department of Marine and Fisheries. While the preponderance of sailing vessels over the propelled by steam was marked in years gone by, the list issued for the year ending December 31, 1921, shows that steam vessels have a large margin over the slower craft.

The Maritime Provinces at one time was the cradle of the ship-building industry of Canada, and hundreds of ships, barks and barkentines, launched from these yards, carried a great share of the commerce of the world. But that day is gone forever. With the passing of the old wooden vessel there has gone also a great deal of the romance of the sea.

Tales of ships sailing from the Maritime Province ports to South America, the West Indies or even to Europe and returning within a year or so after earning enough to pay the cost of construction, are seldom heard now. Those were the days of real sailors, which under the present order of things will never return. As the years go by, the old time craft disappear one by one, and the not far distant future will know nothing of the romantic days of the wind-jammers except their record in history.

## LEAVE QUESTION OF ASSISTANCE TO PARLIAMENT

Ottawa, Sept. 22.—The federal government and the Progressive party are one in demanding that the people of Canada be given the fullest information as to what is involved in the Near East conflict and that parliament be summoned if the emergency demands it to say the decisive word as to Canada's part.

This was made known late tonight in short official statements issued by the prime minister and by Hon. T. A. Crerar, leader of the Progressive party, who were in conference for some time this evening. The meeting was at the suggestion of the prime minister, who telegraphed Mr. Crerar in Winnipeg last Monday to the effect that the European situation was sufficiently important to have the western leader come to Ottawa for a conference.

## BONES SHOW PREHISTORIC WOMAN A TREE CLIMBER

London, Sept. 22.—Bones of a prehistoric woman, believed to have been a treeclimber, have been found in the bed of the River Cam, and are being submitted to expert opinion in London, according to the Daily Express.

The bones were brought to the surface by a dredger within a quarter of a mile of the famous Fenland Inn, "The Five Miles from Anywhere; No Hurry." The whole district is one vast forest of buried oaks, which were in existence many thousands of years ago, before the Fens were formed, and it is hoped to recover the complete skeleton.

"The find is a most interesting one," said a Fellow of the Royal Society. "The leg bones are undoubtedly those of a woman, but they are of extraordinary conformation."

"Whoever she was, she had a pretty foot."

"If alive today, she would be a short, deep-chested creature, covered with hair, and with long, ape-like arms and prehensile toes."

"Her home would be a fudgy little platform of sticks, with a family likeness to a glorified crow's nest. From this excursions would be made among the tree tops, she and her mate swinging themselves, monkey-fashion, from bough to bough."

"When on the ground her gait would be that of a monkey, with the arms swinging to the knees."

The bones of a pelican have also been found. This points to the existence of a lake dwelling, as tame pelicans were kept by the inhabitants of these curious but, and eaten when required.

## FIFTEEN MINUTES OF RADIO EACH DAY

By Edward N. Davis

Formerly Technical Electrical Expert For U. S. Government

Lesson No. 112, SIMPLE ELECTRICAL LAWS.

If a 110 volt electric bulb is connected across a 110 volt line it will glow at normal brilliancy and the filament will have a fairly long life. If the same bulb is connected across a six volt storage battery there will be no glow, which indicates that the current is too feeble to heat the filament to incandescence.

If the filament of a vacuum tube which glows brightly on six volts is connected across the 110 volt line it is melted instantly by the excessive current which flows.

Such mistakes as these may be avoided by an understanding of one of the most elementary electrical laws known as "Ohm's Law," which may be expressed in a number of ways, all of which mean the same. The most common form is to say that the current which flows through a resistance connected to a current source is equal to the voltage of the line divided by the resistance in ohms of the device or circuit. In other words:

If the current in amperes is represented by "I," the resistance in ohms by "R," and the voltage by "E," the law is represented by the expression "I equals E divided by R." In the example mentioned in the first paragraph, if the electric bulb draws 1/2 an ampere on 110 volts the resistance may be found by substituting the two known values in the expression to find the third of unknown value. Thus "1/2 equals 110 divided by R" or, in other words, what number divided into 110 gives 1/2? The result shows the resistance of the bulb to be 220 ohms.

Now, if the 220 ohm bulb is connected across the six volt battery, the current drawn may again be found by using the same expression, which now becomes "I equals E divided by 220 or R," which gives a current flow of .027 amperes. In other words, a current of 1/2 ampere will flow when the 110 volt is connected across the bulb, thus heating it to incandescence, but a current of only .027 ampere from the six volt battery is too weak to heat the filament of the bulb visibly.

In the case of the audion tube on six volts, it is found that the current consumption is usually about one ampere (as may be determined by an ammeter reading). Substituting these two values in the above expression or Ohm's Law to find the resistance of the audion filament the expression becomes "1 or I equals 6 or E divided by R," which gives a value of six ohms for the filament resistance.

If the audion tube, the filament of which we have found to have a resistance of only six ohms were connected across the 110 volt line, the current drawn would be equal to 110 divided by 6, or about 18 amperes. If the filament is heated to incandescence by the normal current of one ampere it is obvious that a current of 18 amperes would melt the filament instantaneously.

It is apparent from the above that many expensive experiments may be avoided by an application of Ohm's Law, which will always give the desired result without needlessly destroying any apparatus.

There are other forms or ways of expressing the law which are sometimes more convenient to use in a particular application of the formula. Any of the following may be used:

I equals E divided by R; R equals E divided by I; or E equals I times R.

In using the law the expression is usually used which contains the unknown quantity as the left-hand member of the equation. Two of the three quantities must always be known in order to find the unknown or third quantity. (All Rights Reserved by United Feature Syndicate. Reproduction Prohibited.)

## LIGHTER VEIN.

All was quiet within the house, and the night was fast spent. Thus fortune favored the burglar, as stealthily, he acquired the plate and valuables and deposited them in his bag. But he experienced a horrible cold shiver when an old hand grasped his wrist. It was not a ghost he saw when he flashed round with his bull's-eye, but a man with a look of sorrow on his dejected countenance.

"Oh, my poor misguided friend," murmured the intruder sorrowfully, "would you rob me of my valuables? Think of my wife and child what would they do if I sent you to prison?"

The burglar dropped the stolen goods. "Turn from your evil ways, my brother," continued the intruder. "I am a merciful and will forgive. Your secret is safe with me."

Then without a word our friend made hasty exit by the window.

The kind, loving, charitable old man, having quietly lifted the burglar's bag on his shoulder after examining it to its utmost capacity with useful articles, also took his departure. For he, too, was a burglar!

Jones was rather scared of his wife and knew she didn't approve of his going out at night. He had to join a little party one Saturday and come down to the race track, he told the fishmonger to send home some fish as an ally. The fishmonger sent half a dozen cod's heads.

When he got back Jones said to his wife: "Well, my dear, did you get the fish I caught and sent to you?"

She looked at him suspiciously for a moment.

"I got a lot of cod heads," she replied.

"Yes, it was a most extraordinary thing," he mused, "how those fish pulled. The only way we could get them into the boat at all was by pulling their heads off."

"Ma," exclaimed Teddy, "Mrs. Johnson told me she would give me a nickel if I told her what you said about her."

"I never heard of such a thing," answered his mother indignantly. "You're a good boy not to have told her. I wouldn't have her think I ever mentioned her. Here's an apple for being such a good lad."

"I should think I am, ma! When she showed me the nickel I told her that what you said was something awful and worth a dime at least."

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Sir—I feel that I should be doing a wrong if I neglected to write you. I have had four tumors growing on my head for years. I had them cut off by a surgeon about fifteen years ago but they grew again till about three months ago I had one as large and shaped like a lady's thimble, on the very place where my hair should be parted, and it was getting so embarrassing in public that it was a constant worry to me. About three months ago I got a bottle of your liniment for another purpose and saw on the label good for tumors. Well I tried it and kept it for exactly two months, with the result that it has entirely removed all trace of the tumor, and were it not that they had been cut fifteen years ago, no mark would be seen. I have not been asked for this testimonial and you can use it as you see fit.

(Signed) FRED. C. ROBINSON. Minard's Liniment on a mare for a strained tendon, and am hoping for some results. FRED. C. R.

## LEADING THE WORLD.

Victoria Colonist.—It is gratifying to note that a mighty effort is about to be made to promote settlement. As an agricultural country Canada is without a peer on the face of the globe. All the Provinces of Canada are highly endowed from a material point of view, and while in the matter of credit we may lead the world at present, it is only a question of time until we shall lead in everything that makes for the material comfort and contentment of a people.

## A WARNING TO DRUG TRAFFICKERS

Montreal, Sept. 22.—"This illicit traffic in cocaine, morphine and other drug poisons, this scourge which is flaying our province, must stop. I am going to render a terrible sentence . . . not only for you, but as an example to others, my men, my women, who may be tempted to imitate you. And in future I think I may give life sentences to those found guilty of a similar charge before me."

With these words, thundered in a voice which resounded in every corner of court of King's Bench, Mr. Justice Monet this morning condemned William Fournier, forty-one years of age, drug trafficker, to twenty years in the penitentiary for manufacturing and selling opium.

At a St. Denis street drug party, she, it is alleged, was a drug addict and the victim of ghouls of the type of Fournier. "I am absolutely innocent," declared Fournier to the court, when asked if he had anything to say. "I do not ask for clemency since you have found me guilty. I shall be judged by a higher judge."

After sentence, which he heard unmoved, he shrugged his shoulders, and as he left the dock, exclaimed: "Don't talk of justice here."

Yvonne Desbriens, stoical through her ordeal, broke down just before her sentence. She was sentenced through the court-room as the judge was sentencing Fournier. She was seated just behind the dock, and said nothing as the clerk asked her if she had any declaration to make. On the words "five years in the penitentiary," she burst forth into tears and had to be led from the dock.

As the two prisoners went down to the cells and the steel door clanged behind them, the crowd, which had packed the court, melted away.

## RADIO THIEF CAUGHT BY SET IN AUTOMOBILE

Loser Installs a Receiver in Car and Traces Robber by Riding in Cleveland Streets.

Cleveland, Sept. 22.—One night in August the home of Daniel F. Murphy was burglarized and a large part of the equipment of his radio station stolen. Among the loot was a high powered sending set.

Several days later radio operators in Cleveland heard a new station with powerful apparatus, sending out messages. The new station had no call number, was not licensed, and could not be located.

Believing it was operated by the thief who robbed him, Murphy, an electrician, set out to find him. He installed a receiving set on an automobile and night and night he rode the city, tuning the set to the pitch of the unknown operator. When the messages grew faint, he changed the direction of the car.

Finally repeated circling of a particular block failed to show any point where the messages could be heard more plainly than at another.

Eric Kutz, eighteen years old, lived in this block. He had become the pride of the neighborhood with his new wireless set. Persons came to his home every day to see the set. As fellow radio fans, Murphy and his friends also visited the house. There they recognized the stolen apparatus.

Kutz was sentenced to an indeterminate term in the Mansfield Reformatory for burglary, larceny and receiving stolen property. He denied the burglary charge, but pleaded guilty to

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