

NEW WIRELESS STATION THE MOST WONDERFUL IN THE WORLD

(Continued from page 1.)

an independent electric current impulse transmitted through the air; the Poulsen system makes signals by varying at the will of the sending operator, the electrical wave length in a continuous current. The Marconi system opens the line of transmission for each separate signal; the Poulsen system on the other hand, opens the line once and keeps it open by continuous electric impulses while the signals are being transmitted. In the Marconi system, the question whether these intermittent waves sent out, reach a certain point depends upon the energy of each initial impulse. It is like throwing a stone into a pond, if the stone is big enough and the pond is not too large, the waves which are very large at the spot where the stone falls into the water, will finally reach the shore, although very much diminished in size. In the Poulsen system however, the waves not only preserve their original form, but as the energy is being sent out constantly, one wave re-inforces the other.

A drawback to which the Marconi and other similar systems is subject to is, that its efficiency as far as distance is concerned is three or four times as great at night than in the day-time. Stations that can reach a ship at night through a distance of 1000 or 1200 miles cannot send more than 200 or 300 in the day-time. This is supposed to be caused by the electrification of the ether by the sun's rays, which presumably makes it more difficult for the artificially created waves to travel through the ether and also causes a greater absorption of energy by the ether. As the Poulsen

system is entirely different from the Marconi and other systems, this drawback does not affect it.

As the Poulsen system makes its signals in a manner different from other systems, much greater speed is attainable. A message can be punched on a tape so as to differentiate between the dots and the dashes, and then sent through a mechanical sender at the rate of 150 to 350 words a minute. At the receiving station these impulses are received by a vibrating gold wire of extreme fineness. The shadow of this moving wire is thrown on a moving photographic tape, which furnishes a record for the receiving operator.

Another advantage of the Poulsen system is its secrecy. The methods used by the Marconi and other "spark" systems are such that it is impossible to prevent amateur or other wireless stations from reading them, on account of the forced oscillations thus set up. Poulsen waves are "tuned" to a certain pitch, and can only be read by the special Poulsen receiving apparatus which is very closely patented. The system has also accomplished Duplex sending and receiving which means that two messages can be sent, or received by the same antenna simultaneously. It also possesses many other features which are interesting, both from a technical and practical standpoint. The character of the waves generated especially adapts them for use in wireless telegraphy, in fact conversations by wireless telephony between the stations at San Francisco and Stockton, 100 miles apart, have been heard at Los Angeles, 500 miles away. This feature of the system has not yet been developed as much as the telegraph but it holds great promises for the future.

TOWN COUNCIL

(Continued from page 4.)

Oil Co., \$4; Crandall Harrison Co., \$645; Sumner Co., \$3.75; T. McAvity Co., \$8.50.

The Town Clerk read Scott Act Inspector Dickson's report for the month. There were two complaints, resulting in two convictions, each for first offence. More cases in sight. Report was received.

Ald. Falconer, chairman of the Police Committee, said that he wanted to know what the council wished regarding the enforcement of the Scott Act. There was no Scott Act Committee. The Police Committee had no more to do with the Scott Act than had the rest of the council. It was up to the council to see that the Act was better enforced. It was strange that only those two were fined. He was not sorry they were fined, but there were certainly others selling. It should be possible to get a conviction every day, almost every hour. If the council did not wish the Act enforced why not have free rum? Not license! He had no use for license. It was an evil, and it was wrong to license an evil. He was sorry that the Advocate reporter was not present, as he differed from that newspaper when it said that there was very little liquor sold here. The reporter could not have looked very closely. If the present inspectors were no good, dismiss them and get others.

Ald. Stuart replied to Ald. Falconer that if he (Falconer) would move the dismissal of the day inspector for neglect of duty he would second the motion.

Ald. Falconer thought that if the whole council would say that the C. T. A., must be enforced the inspectors would likely do so.

Ald. Miller said he was agreeably surprised to hear Ald. Falconer speak thus. When he (Miller) had been Mayor, delegation after delegation had come before him from the Temperance people complaining of the non-enforcement of the C. T. A. Ald. Falconer's position as chairman of the Police Committee enables him to instruct the Inspector to do his duty. It was up to Ald. Falconer or someone to bring in a report on the inspectors and recommend dismissal or what-ever else was necessary.

Ald. Falconer thought Ald. Miller's remarks were out of order.

The Mayor read from the by-laws that the policemen were in charge of the Police Committee. The Scott Act inspectors being policemen would naturally belong to the Police Department.

Ald. Falconer said he had repeatedly told the Inspector to do his duty. He had even told him where liquor could be found, and still the Inspector had done practically nothing.

Ald. Miller—And yet you bring no charge against him?

On motion of Ald. Miller seconded by Ald. Stuart, the council took up the consideration of the hospital matter.

It was moved by Ald. Stuart, seconded by Ald. Falconer and McGrath, that the recommendation of the committee of the whole heartily sympathizing with the efforts being made to establish a hospital here and recommending to the citizens a vote of \$500 a year towards the maintenance of the same and providing for a plebiscite, be adopted.

The Mayor and Ald. Sargeant thought that \$500 was so large an amount that the popular vote might go against it.

Ald. Miller said he personally favored the grant of \$500.

Ald. Sargeant said he did, too.

Ald. Ritchie—Could we not call a public meeting and test the feeling of the people?

On motion of Ald. Miller and McGrath, Mr. E. A. McCurdy was heard. Mr. McCurdy said he had not come to make a speech. He thought the Committee of the Whole had been unanimously in favor of the \$500 grant. The hospital was a pretty big undertaking. It was a rare thing for a town to be offered \$25,000 for building and equipment of such an institution. \$500 would not be a serious charge on 2000 people. Private citizens could not be expected to contribute liberally if the town did not set an example. Westmorland Co. gave \$2000 and Moncton \$1500 to their hospital. He had to satisfy the party proposing to make the gift of \$25,000 that the endowment would be sufficient for maintenance. After the matter had been dealt with at a previous council meeting, a citizen had met him and asked to be included among the hospital supporters. The idea of throwing the responsibility upon the people by means of the plebiscite was an excellent one.

The motion carried without division.

As it was eleven o'clock it was on motion decided to continue in session.

There was a difference of opinion on what lists plebiscite should be taken. The matter was finally left to the Mayor and Town Clerk to decide.

On motion of Ald. Miller and McGrath, it was decided to hold the plebiscite on the 30th instant.

It was pointed out that if the people voted in favor of the grant of \$500, the present council could vote that amount for only one year and not anything at all before the hospital was built and ready for work.

Adjourned.

SUNNY CORNER

Mrs. Jacob Stillker, Stillker, spent Saturday with her mother Mrs. Matchett.

Mr. and Mrs. Edward Dunnet, Whitney, spent Sunday evening with Mr. and Mrs. Perley Tozer.

Mrs. James Parks, Derby, was the guest of her parents, Mr. and Mrs. James Matchett the first of the week. Mr. Perley Mullin captured a beautiful deer Tuesday morning and another the following day.

Mr. and Mrs. Alfred Leach have moved into Mr. Alex. Harris house for the winter.

Mr. and Mrs. John Bryenton, Bryenton, visited relatives here last week. Misses Lucy MacGregor and Lily Murphy spent an evening with Mrs. Tozer last week.

The many friends of Mrs. Jas McDonald are glad to learn of her recovery and are most sorry to learn of Mrs. Robt. Matchett's illness.

Mrs. Wm. A. Matchett and son Walter, spent Sunday at their home here.

Mr. and Mrs. Jerry McCafferty "The Bridge" spent Sunday with the latter's parents, Mr. and Mrs. Charles Mullin.

A bunch of snakes belonging to one of the concessionaires at the Fredericton Exhibition were burned to death on Sunday morning. The snakes had got cold during the night and the showman in an endeavor to warm them up a bit, lighted a fire in one of the stoves on the grounds and put the snakes in the oven. Their presence in the oven escaped his memory and when he went to take them out, they were dead, having been roasted.

The U. N. B. Fredericton, opened its 113th year on Monday with forty two new students registered.

ZAM-BUK PROVED BEST

Ambulance Brigades Adopt It

Zam-Buk has now been selected as the balm to be carried by the members of the St. John Ambulance Brigade. This is further proof of its superiority.

Mr. G. W. Pyatt, of 15 Southview Avenue, Toronto, Superintendent of the Riverdale Division of the St. John Ambulance Brigade, writes: "Both in personal use and in first-aid work I have proved Zam-Buk to be of great value. I have used it for the past five years, and do not believe there is any other balm to come up to it."

Mr. Geo. H. Westmore, of 127 Yonge Street, Toronto, Divisional Superintendent of the St. John Ambulance Brigade, also writes: "I am pleased to report that the members of this Brigade use Zam-Buk when on public duty, and find it very useful. It is a wonderful healer. Personally, I constantly use Zam-Buk in my ceiling as a chiropractor, and find it very helpful in healing sore feet, and as a dressing for corns and bunions after treatment and extraction."

Surely a balm that is worthy of a place in the wallet of an ambulance officer should find a place in your home! You may not require it today or next week, but accidents don't give warning, be prepared. Zam-Buk is compounded on the latest scientific lines. It is the same time soothing, healing and antiseptic; keeps good. Zam-Buk is a sure cure for skin diseases, eczema, piles, old sores, cuts, burns, poisoned wounds, ringworm, abscesses, sprains, scalds, boils, ulcers, blood-poison, etc.

50 cents, at all druggists and stores. Refuse harmful substitutes and imitations. There is nothing just as good.

LUDLOW AND BLISSFIELD

Too late for last issue)

Sept. 16.—We regret to learn that Mr. John Murphy, Sr., of Ludlow is seriously ill, and all hope that he will be restored to his usual health.

Mr. Ernest O'Donnell of Carroll's Crossing, has been indisposed for a few days, but we are glad to learn is now much better.

Rev. W. R. Armitage, son of Archdeacon Armitage, of Halifax, preached at Doaktown, Carroll's and Ludlow on Sunday Sept. 7th to large congregations.

The Rev. Henry Waterton has been away visiting Rev. Brinley Abbott, Rector of Queensbury and Southampton, for whom he preached on Sunday Sept. 7th at Queensbury and Beer Island.

The Lord Bishop of Fredericton visited this parish last Sunday. His Lordship preached at St. James' Church, Ludlow, in the morning, St. John's, Carroll's, in the afternoon, and at St. Andrew's Church, Doaktown in the evening. The Bishop held Confirmation and confirmed 35 candidates at the two latter places. His Lordship very kindly drove over to Storey town, accompanied by the Rev. H. Waterton and confirmed a candidate who was too sick to be present in Church, after the evening service.

Mr. Adam Parker of Hazelton is said to be dangerously ill and small hope of his recovery is entertained.

CASTORIA

For Infants and Children.

The Kind You Have Always Bought

Bears the Signature of Dr. J. C. Watson

PERSONAL

Miss Helen Copp was in Chatham on Tuesday.

W. R. Small of Chatham was in town Monday.

Mr. John Quinn of St. John is visiting relatives in town.

Miss Lorna Parker of Millerton returned from Houlton Friday.

Miss Laura MacPherson of Chatham, spent Friday afternoon in town.

Miss Marion Bulmer of Moncton is visiting the Misses Williamson.

Mr. Roy LeBlanc of Campbellton spent Sunday with friends in town.

Misses Mamie and Annie Condon are spending the week in Chatham.

Mr. Jack Lawlor of Moncton is spending a few days at his home here. Joseph McCormack and Jack Bullock of Chatham were in town Monday.

Miss A. Arsenault of St. John is visiting her brother, Henry Arsenault.

Mr. James McCafferty of Moncton is spending his vacation with relatives in town.

Henry Arsenault of the Singer Sewing Machine Co., visited Esquimaux this week.

Rev. Wm. Harrison will preach at Protectionville on Sunday afternoon at 3 o'clock.

Grover Cleveland of New Glasgow, N. S., spent Friday evening with his mother here.

Mrs. Edward Wiseman and son Ned, leave Friday morning for their home in the west.

Miss Sadie Bernard and Mrs. Jas. McCafferty attended the Chatham exhibition on Monday.

Miss Kathleen McCabe, of the Civil Service, Ottawa, is spending a vacation at her home here.

Mr. W. R. Fitzmaurice, assistant district superintendent of the I. R. C., was in Moncton Friday.

Mrs. Martha Black is spending a few weeks in Chatham the guest of her daughter, Mrs. John McGrath.

D. J. Buckley, Fred Burt, Willard Allison and John Crocker visited Fredericton last week.

Everett Keating of Moncton is visiting his mother. He is en route to the Charlottetown Exhibition.

Mr. and Mrs. L. N. Perry of South Kaukuna, Wis. are visiting the former's sister, Mrs. Frank Masson.

Earle DeWolfe of Bathurst accompanied by his friend, Mr. Canty, spent Sunday at his home in Nordin.

William V. Creaghan is on the list of new students entered in the freshman class this year at the U. N. B. Fredericton.

Miss Marion E. Harvey, student nurse at Newton, Mass., is in town spending a vacation with her mother Mrs. Allingham.

Mr. Thos. A. Clarke of Jacquet River and his sister Mrs. Maxwell of St. Stephen, spent the week-end with friends in town.

L. W. Strang of Chatham was in town Monday, on his way home from Blackville, where he combined business with pleasure.

Mr. W. D. Payne of the Bank of Montreal, Guelph, Ont., is in town spending his vacation with his parents, Mr. and Mrs. W. R. Payne.

Miss Janet Williston and Miss Lydia Copp who have been guests of Mrs. George Grant, Neudham street, Fredericton, returned home Friday night.

Mrs. Frank Masson and son George returned Wednesday night from the Moncton Hospital where the latter underwent an operation for appendicitis.

Miss Bella Lindon, graduate nurse in N. H. State Hospital, Concord, New Hampshire, arrived home Friday night to spend a three week's vacation.

Hon. J. D. Hazen was in town this week having motored over from Chatham with Mr. E. A. McCurdy. While here he made an inspection of the new bridge.

Mr. Fred Burt, manager for Armstrong & Ferguson was called to Fredericton last week owing to the illness of his father. He returned to Newcastle Saturday morning.

Miss M. A. MacPherson, graduate nurse of St. Paul's hospital, Vancouver, B. C., who has been spending the past two months at her home, Chatham, left Monday for Vancouver.

Mr. Hiram Jarvis of Fort Fairfield, Me. is visiting Mr. and Mrs. N. Jarvis, Smythe street. Mr. and Mrs. A. N. Jarvis of Newcastle, are also the guests of Mr. and Mrs. N. Jarvis—Gleaner.

The marriage of John Archibald Dunnett and Martha J., daughter of Isaac Blackmore, both of Stillker, was solemnized by Rev. J. F. McCurdy at the Manse, Redbank, Sept. 15th instant.

The Colonial Hide Co., are now prepared to pay the highest cash prices for moose hides, caribou and deer skins. Phone No. 33, Newcastle, N. B.

Isn't it queer how many of your friends are broke when you want to borrow a few dollars?

HOTEL MIRAMICHI

J. A. WHELAN, Manager.

Most Luxurious and Up-To-Date Hotel in Northern New Brunswick

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- Best Fishing Privileges on the North Shore Provided.
- Imported Chefs.
- Fine Sample Rooms.
- Livery Stable in Connection.

Rates \$2.00 and \$2.50 a Day

INKS

Our Invoice for Inks expected to arrive in a few days reads as below:

Commercial	Ink
Waterproof Drawing	Ink
Indelible	Ink
Stamping	Ink
Purple	Ink
Blue	Ink
Red	Ink
Fountain Pen	Ink

FOLLANSBEE & CO.

Painting, Paper Hanging, and Kalsomining

Done in first-class style
All work guaranteed

All orders given prompt attention.

JOHN DUPUIS,
ROYAL HOTEL,
Newcastle

Wanted at Once

A care-taker for the Fox Ranch of the Miramichi Black Fox Co., Limited at Douglastown. A young man (married preferred) thoroughly sober, reliable, steady and honest. Good pay to the right kind of man. Also a comfortable new house provided. Apply in person before Sept. 24th to

JOSEPH McKNIGHT,
Managing Director, Douglastown.
or W. H. BELVEA,
Secretary, Newcastle.
38-2.

CURVENTON

Mr. W. E. Hare from "The Turn", Mr. Tom Sheard and son Henry of Whiteville were guests of Mr. A. E. Hare on Sunday.

Mr. and Mrs. J. A. Hare and Mr. and Mrs. Jos. Weddon and our teacher, Miss Bessie Lockerbie, are attending the exhibition at Chatham this week.

Miss Helen Whitney spent Sunday afternoon the guest of Miss Sadie Curtis.

Mr. and Mrs. Chas. Ebersold and little son Preston, who have been spending the summer with relatives in Strathadam and Curventon, returned by the Ocean Limited on Saturday to their home in New York.

Miss Margaret Weddon is recovering from her recent severe illness.

Miss Dora Weddon was the guest Sunday of her friend, Miss Curtis.

Miss Emmeline Hare was the guest of Miss Annie Aldfield one evening last week.

Congratulations to Mr. and Mrs. Albert McTavish on the arrival of a baby boy.

Mr. A. E. Hare spent Thursday in Chatham.

RETIRED VETERAN I. C. R. CONDUCTOR

Among the retired I. R. C. men who were presented with Imperial long service medals in the Moncton depot on September 10th was Mr. Angus McLellan, the veteran conductor, who retired from active service three years ago. As a conductor on "The People's Railway," Mr. McLellan had a somewhat remarkable and very clean record. He was in the service over forty years, and in that time ran approximately one million, eight hundred miles and never had a passenger killed, and besides, had very few accidents to his train.

STOVES at Bargain Prices

We have Three Cast Iron Ranges which we will sell at Considerably Less than Regular Prices to clear before the Fall Stoves arrive. If Interested Call and See Them

D.W. STOTHART

Phinney Block

Phone 97

Sportsmen

Look into Our Window and come in and examine our new Fall Larrigans. We have them in 3-4 and 10 inch leg, with and without leather sole and heel. Also 6 inch leg Larrigans with the "Drawstring" sewing as well as the plain.

MACMILLAN'S SHOE STORE

Now Is The Time TO HAVE YOUR CONCRETE WORK DONE

We also do all kinds of Brick and Stone Work

CONCRETE BUILDING BLOCKS

In Various Patterns a Specialty

On all orders coming in after August 15th to be delivered in September, we will make a reduction in price.

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Concrete Block Manufacturer

Telephone 64

Newcastle, N. B.

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INCORPORATED 1869.

LIABILITIES	
Capital Paid up	\$ 11,560,000.00
Reserve Fund	12,238,000.00
Undivided Profits	510,219.00
Notes in Circulation	10,385,376.69
Deposits	136,729,483.41
Due to Other Banks	3,118,902.03
Bills Payable (Acceptances by London Br.)	3,352,148.77
	\$178,316,130.29

ASSETS	
Cash on hand and in Banks	\$30,476,000.19
Government and Municipal Securities	3,778,533.88
Railway and other Bonds, Debentures and Stocks	12,622,217.20
Call Loans in Canada	9,189,279.16
Call Loans elsewhere than in Canada	10,660,229.65
Deposits with Dominion Government for Security of Note Circulation	578,000.00
	\$67,304,260.08
Loans and Discounts	\$105,363,239.92
Bank Premises	5,648,630.29
	\$178,316,130.29

HEAD OFFICE, MONTREAL

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2 Bank Bldgs., Princess St., E. C. Cor. William and Cedar Sts.
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E. A. McCurdy, Manager

The girl who dreams of a peacock Have your cards printed at The
will marry a handsome and vain Advocate Office, in the latest script
young man. type.