

The Union Advocate

VOL XLVI.

NEWCASTLE, N. B., WEDNESDAY, SEPTEMBER 24, 1913

NO. 39

COUNCIL HELD LENGTHY SESSION AT REGULAR MEETING

Matters of Much Importance Came Before the Meeting—Plebiscite Will be Taken to Decide Grant by Town.

The regular September session of the Town Council was held on the 15th inst., the full Board present.

A letter was read from E. H. Scamell of Ottawa, secretary of committee organizing the celebration of the 100th anniversary of peace between the U. S. A. and Canada and Britain signed at Ghent in 1814. Border monuments, public thanksgivings and other international amities were planned, and the Mayor was urged to see that Newcastle should do all in her power to assist. On motion of Ald. Miller and Ritchie, letter was referred to His Worship for action.

Mayor Morrissey and Ald. Stuart and Miller were elected delegates to the eighth annual convention of the Union of N. B. Municipalities which will meet in Moncton October 15 and 16.

Letter was read from Crandall Harrison Co., that \$4,300 worth of the lumber on their wharves, all of which was assessed at \$5,000, was the property of Shepherd & Morse, New York, and therefore not taxable. They asked to have their assessment on personal property cut down to \$1,000, in consequence. The fact that this company made a similar request last year was unfavorably commented upon, and it was pointed out that they should have applied to the assessors within 30 days of publication of assessment list. The letter was referred to the Petitions Committee.

Mayor Morrissey wanted the Council to let the Minister of Public Works know at once what they proposed doing with the electric service, whether they could supply power to work the draw in the new bridge or not. The Minister did not want to allow gasoline power to be arranged for if the town could make any reasonable proposition about power. Let the council say if they were going to install an all-day service, or if they would guarantee power direct from 4 p. m. to 9 a. m., and arrange for storage batteries the rest of the time. Surely it could be arranged somehow. Gasoline would not be as satisfactory as electricity, for it was liable to give out at any moment and also to frighten horses. Time was pressing, as the construction company must soon know which kind of power to arrange for. An all-day service ought to pay. For a large part of the year the electric plant now runs nearly 20 hours a day, and an all-day service would not cost twice as much as now. The barber shops and drug stores and many other places would use day electricity, and also the proposed new factory in Nordin. If the Town was to keep up with the times it must keep moving and provide for the future. But if the extra expense of an all-day service was thought too high at present, let a definite proposition be made regarding what could be done with storage batteries.

Some of the council thought storage batteries would work, some favored an all-day service if it could be made to pay, and all wanted more information.

On motion of Ald. Miller, seconded by Ald. Belyea the matter of electric service was left to the Water & Light committee to make arrangements with the Minister of Public Works, subject to ratification by the council.

Ald. Miller reported having made arrangements with the Radio Syndicate for water.

The following letter was read, and filed, as the latter part of it had already been attended to, and the first part was coming up in a different form:

Quebec, August 30, 1913.
To the Mayor and Town Council
Newcastle, N. B.

Universal Radio.
Gentlemen:—On behalf of the Syndicate, I respectfully ask that a valuation for town tax purposes be placed upon the land owned by the Syndicate, said land being bounded by Sweeney Road, the right of way of the Intercolonial Railway and abutting on the properties of Jas. and Agnes Falconer, R. C. Woodworth, and the trustees of St. James Church, the valuation to serve as a basis of taxation on the land and all improvements for a period of twenty years. With regard to the water and sewer question, it would seem to me that much time would be saved if we went ahead and installed a 4 inch water main and 10 inch sewer pipe ourselves, which we are willing to do, if you will grant us 5000 gallons of water daily and sewerage service free for a period of ten years and then give us water and

sewerage service on terms equally favorable with those granted to other town users. We are anxious to get the plant running by the end of November if possible and the above arrangement would save much time. If it is acceptable to you our Mr. Sawyer is authorized to go ahead with the work immediately and to your satisfaction.

Respectfully yours,
(Sgd.) C. P. ELWELL,
Chief Engineer.

Ald. Miller reported the Radio Syndicate had agreed to put in 8 more "y's" and one more hydrant than had been stipulated for.

The following resolution—prepared by A. A. Davidson for the town—was moved by Ald. Sargeant and seconded by Ald. Falconer.

"Whereas, The Universal Radio Syndicate, Limited (hereinafter called the Syndicate) is erecting and establishing a receiving station in the Town of Newcastle, and for the purpose of its said undertaking and industry has purchased and acquired:

"All that lot of land situate in the said Town, bounded northerly by the Intercolonial Railway lands, easterly by Mitchell Lane, so-called, westerly by the Sweeney Lane, so-called, and southerly or in front by the properties of the trustees of St. James Church, Newcastle, of Reuben E. Woodworth, by James Falconer, and by lands formerly owned by the late William Falconer, Jr., and now by his daughters, and comprising and including all the several parcels of land conveyed to the said Syndicate by James Falconer, by deed of conveyance bearing date the eighth day of July, A. D. 1913, by Edward Hickey by deed bearing date the eighth day of July, A. D. 1913, by Reuben E. Woodworth by deed bearing date the seventh day of July, A. D. 1913, and Alexander Morrison and wife by deed bearing date the seventh day of July, A. D. 1913;

"And whereas the several pieces or parcels of the said lot of land are now assessed in sums not exceeding in the whole the sum of four thousand dollars (\$4,000);

"And whereas the said Syndicate has applied to this council to fix for assessment purposes the valuation of the real and personal property and income of the said Syndicate at the said sum of four thousand dollars for the period of twenty years now next ensuing;

"And whereas this council deems it expedient and in the interest of the said town to comply with the said request, and to so fix the said valuation under and by virtue of the provisions of Chapter 88 of the Acts of General Assembly of this Province, 1910, in such case made and provided;

"Be it therefore resolved that if the said Syndicate do forthwith establish its proposed receiving station on the said lands, that then and in any such case and so long as the same shall be maintained and operated as such receiving station, the town council shall and hereby doth fix the valuation of the said real estate and all buildings and improvements now or hereafter to be erected thereon in connection with the said receiving station, and for the direct and immediate furtherance of the purposes of the said station, and all plant machinery and personal property of every kind of the said Syndicate situate or being on the said site, and the income of the said Syndicate at the sum of four thousand dollars;

"Saving and excepting and hereby providing and excepting that the said fixing of valuation shall not and does not extend to nor include the fixing of valuation of said property and income for school assessment purposes and that the period of such fixed valuation extends for the period of twenty years from this date and no longer;

"And further resolved that the town clerk be and he is hereby authorized and directed to give the said Syndicate a copy of this resolution certified under his hand and the corporate seal of the said town."

Some of the Aldermen feared that the sixth paragraph was not definite enough. It might allow the company to build dwelling houses for rental under complete tax exemption. The Mayor and town clerk thought the agreement was as tight as could be drawn.

An amendment was moved by Ald. Belyea, seconded by Ald. Miller, that the resolution be referred back to Mr. Davidson for the purpose of eliminating any doubt that may exist as to exemptions.

(Continued on page 4)

NEW WIRELESS STATION THE MOST POWERFUL IN WORLD

Will be Able to Converse with San Francisco 3200 Miles Away-- System to be Used Differs Materially from Marconi System, in That Its Messages Cannot be Picked up by Other Wireless Operators

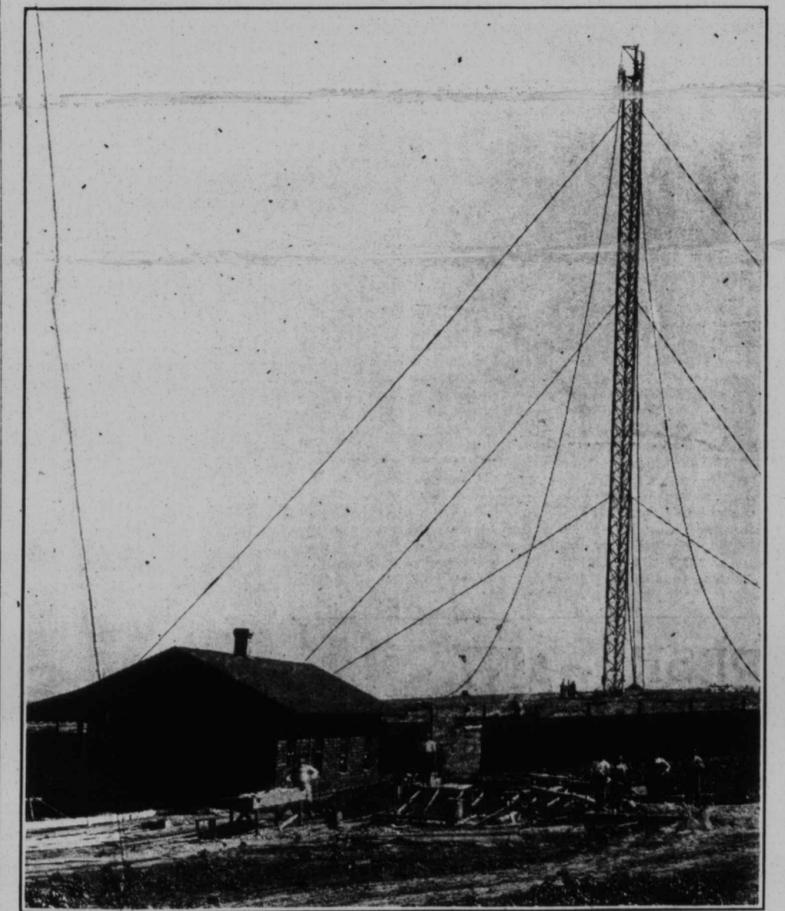
Construction of the new wireless station for the Universal Radio Syndicate is now well under weigh, there being now some 160 men at work. Part of the plant is being erected under contract with Messrs. Galbraith and Caté of Montreal, and other part is being built by the company itself. Already the foundation for the central steel tower is laid and also the foundation for some of the six wooden towers. At the foot of the steel tower, foundations are being prepared for the office, which will be a building with a concrete basement and upper structure of concrete blocks, 105 feet long by 35 feet wide. This will provide accommodation for the general offices, two operating rooms, one for sending and the other for receiving messages, and offices for other purposes. Between the central tower and the railway the power house is being built. This is a building also of cement base and concrete block upper structure, 55 feet by 45 and 30 feet from the ground floor to the eaves. In this power house will be installed two of the latest design Diesel oil engines, each of 250 h. p. nominal, though under actual tests these engines have developed 340 h. p. each, with dynamos attached. The fly wheels of these engines are 11 feet diameter and the outside measurements of each engine are 21 feet long by 12 feet wide and 13 feet high. Overhead is a travelling crane. The power house will also contain a small auxiliary engine and storage batteries for supplying light to the plant.

Between the central steel tower 500 feet high and the six auxiliary towers 300 feet high will be stretched a network of copper wire of which from 120,000 to 150,000 feet will be used, the whole forming when complete, one gigantic skeleton umbrella. Another 100,000 feet of wire is laid in bundles around the towers to furnish proper "groundings". The steel tower has been built in England and is now on its way out here; the wooden towers will be built on the ground and will be constructed of Georgia Pine, 8 x 8 for the first hundred feet or so and 6 x 6 above, braced together with 2 x 8 and 3 x 8 cross ties.

This station will be the most powerful wireless station in the world, though at present the station at San Francisco which communicates with Honolulu, 2350 miles away, enjoys that distinction. That station is rated as a 30 Kilowatt station and has a voltage of 550 and covers 25 acres, while this at Newcastle will be a 40 Kilowatt station with a voltage of 1000, covering 54 acres. The distance across the Atlantic to the corresponding station now in course of erection at Ballybunion on the S. W. coast of Ireland, will be about 2700 miles, so if the smaller station at San Francisco is able to operate so satisfactorily over 2350 miles, the more powerful one here should have no difficulty in covering 2700 miles over the Atlantic, in fact the company's engineer says they will be able to "talk" to San Francisco 3200 miles away with ease.

Through the kindness of the company's resident engineer, Mr. E. W. Sawyer, we have been able to acquire a considerable amount of information with regard to this wireless service, and a brief outline may not be without interest to readers of The Advocate. Shortly it may be said that all wireless telegraphy is founded on the discovery made many years ago by a German scientist named Hertz that electro magnetic impulses could be made to travel great distances through the air, and these impulses were called, after their discoverer, "Hertzian Waves." For many years Marconi and other scientists have been experimenting with these "waves" with the idea of perfecting a system that would turn them to practical use, in which, as all the world knows, they succeeded. The system however which will be used at the station here was invented by Dr. Valdemar Poulsen, a distinguished Danish scientist, and while fundamentally like the others, differs very materially from them in many essential features. Briefly the difference is this: The Marconi system makes signals by closing and breaking an electric circuit. Every dot and dash signal represents

(Continued on page 5)



THE WIRELESS STATION AT SAN FRANCISCO, CAL.

The above picture shows part of the Wireless Station at San Francisco, California, when under construction, and will give some idea of what the towers at the station now being built here will be like. At the San Francisco station, there are only two towers, both of wood and 440 in height. That shown above had at the time reached the height of 210 feet only. 35,000 feet of copper wire are strung between these two towers, which are 600 feet apart. The station connects with Honolulu, 2350 miles across the Pacific, and is at present the most powerful wireless station in the world. The station being built here, will, however, be infinitely more powerful than at San Francisco.

FATAL HEAD ON COLLISION NEAR AMHERST LAST EVENING

Two Freight Trains Collided Killing Both Drivers and Firemen and one Brakesman--Ran Past Orders.

A terrible head-on collision occurred about six o'clock last evening about four miles west of Amherst on a blind curve, at a place known as Fiddler's point, when two freight trains, Nos. 231 and 234 collided, killing both drivers and firemen and one brakeman.

Nothing authentic at time of writing can be had, but report says that one of the trains ran past its orders. Enoch Rushton formerly a resident of Newcastle, was one of the engineers killed.

LOYALIST MEMORIAL TABLET UNVEILED

Impressive Sermon Delivered by Rev. Dr. W. O. Raymond

This Year's Show was Greatest Held Yet--Had Record Attendance

His Worship Mayor Frink officiated at the unveiling of a memorial tablet to the United Empire Loyalists on Sunday in Trinity church, St. John. The tablet is the gift of the Loyalist Chapter, Imperial Order of Daughters of the Empire, and is of bronze mounted on oak. The tablet is 20 by 26 inches and bears an appropriate inscription. An address was delivered by the rector, Rev. R. A. Armstrong, and Rev. Dr. W. O. Raymond, chaplain of the Loyalist Society, delivered an impressive sermon. The ceremony was performed at the morning service Rev. Mr. Armstrong, after a brief appreciation of the Loyalists, referred to the inspiration which the presence of a table in their memory would afford to young and old alike to emulate their fearlessness and devotion to God and King. Rev. Dr. Raymond referred to the number of instances in history where the hand of God is apparent and memorials which had just been unveiled commemorated an event of this description. "In the words of the Psalmist," said the preacher, "We have thought of Thy loving kindness, O God, in the midst of Thy temple." With all of their faults, the founders of our city were a God-fearing race and instead of erecting towers for defence, the towers of their churches were their first thought." Continuing, the speaker described the arrival of the Loyalists in their twenty vessels. At first their lot was hard and they were compelled to endure innumerable hardships, but they displayed marked courage, throughout their vicissitudes. The spirit of the Loyalists, which still animated their descendants, was in large measure responsible for the ascendancy of the British flag on the northern half of the continent in a country which was destined to take its place among the greatest of the world.

An announcement will be made later with regard to the finances of the exhibition. In the past the Fredericton exhibition never had a deficit and it is expected that 1913 fair will make an excellent showing.

Special trains went out Sunday taking race-horses and stock to Chatham where an exhibition is being held this week. Some of the fakirs and other entertainers of fairs also went to Chatham, but the majority of those connected with attractions, midway shows, etc., went to the States, many being booked at fairs there.

The Fredericton exhibition of 1913 was the greatest ever held in Fredericton. It far surpassed any "six-day fair ever here there and has a margin of upwards of two thousand over the ten-day exhibition of 1909. The attendance as recorded officially was 32,161, the average daily attendance was more than 5,000. Saturday's attendance showed a big falling off. Had it been as large as was expected the total would have been a couple of thousand greater. The attendance at the ten-day fair in 1909 was 30,611. In 1903, at a six-day fair, the attendance was 25,721.

WILL INVESTIGATE 'BIG TIM'S' DEATH

An investigation into "certain features" of the death of Congressman Timothy D. Sullivan, whose mangled body was recently found at a railroad crossing in the Bronx Borough, has been begun by District Attorney Whitman.

The funeral of "Big Tim," rumors have been persistent that he had not met death accidentally, some versions being that he had been set upon by foot pads and left unconscious on the track, or murdered outright. No autopsy was performed on his body. Coroner Healy set Sept. 27 as the date for the inquest.

The opening of the magnificent new hall of the Knights of Columbus, St. John Council, 937, St. John, N. B., will take place on October 14 with an exemplification of the first degree upon a large class of candidates. The new hall is now in the finishing stages with a crew of workmen rushing it to completion and administering the last touches, and in a few days the last work will have been done upon what will be the largest and most handsomely equipped assembly hall in the city.

JUMPED FROM BROOKLYN BRIDGE

"Dare Devil Murphy" as Joseph F. Murphy is known, because of his high diving feats, took what he called a "practice" jump off the Brooklyn bridge, Sunday and was picked up unharmed by three of his friends in a row boat and afterwards went calmly to sleep in a police station cell, where he was placed on a charge of "attempted suicide." Murphy made his 125 foot jump clad in a bathing suit, which he wore under his street clothes, discarding the latter on the bridge promenade and leaping off the railing in sight of the Sunday bridge crowds before a policeman who ran for him, could get near him.

Three judicial appointments, one in Ontario and two in the West, are announced. W. G. Fisher of Alliston, becomes county judge of the county of Dufferin, Hon. H. A. McPhillips, of Victoria, B. C., president of the council in the McBride government, is made a judge of appeal for British Columbia and E. L. Elwood, of Moosimin, is appointed judge of the Supreme Court of Saskatchewan.

Mrs. Eugenie Sellers Strong, Litt. D., L. L. D., Assistant Director of the British School in Rome, is to lecture in St. John on October 10 in the Arch-episcopal Course. An opportunity to hear a woman of great ability will be had.