LOCAL NEWS

Band tonight Carleton Rink. Ex-Band tonight Carleton Rink. Ex-

Do all your Christmas shopping for less money at Bassen's, 14-16-18 Char-lotte street.

Good skating at Lily Lake tonight 5825-12-14

Your money will buy more Christmas gifts for you at Bassen's, 14-16-18 Charlotte street.

SEASON TICKETS.
Victoria Rink will be open this week.
Season's tickets for sale at the office of
Nova Sales Co., Ltd., 94 Princess
street.

All kinds of men's furnishings for Christmas gifts for less money at Bassen's, 14-16-18 Charlotte street. W. Alex. Porter's Store will be open evenings until after Christmas, com-mencing Thursday, 14th. 5837-12-14

Men's suits from \$11.95 to \$16.85 at Bassen's, 14-16-18 Charlotte street.

A DOUBLE ROASTER.
of silver-bright aluminum, worth \$2.50,
for \$1.49, at the special aluminum sale
at Emerson & Fisher's.
12-14.

VERY UNUSUAL.

Free Christmas gifts. Buy your gift pipes, cigars, cigarettes, tobaccos here. Get free gift coupons. See window. Louis Green's Cigar Store, 89 Charlotte,

"RITZ" DANCING TONIGHT. isitors cordially received by our ess and made to feel "at home."

Good skating at Lily Lake tonight 5825-12-14

oking and candy sale at Sydney street, Thursday 5814-12-14

Ungar's Laundry, Ltd., have installed ap-to-date stationary tubs, and wash and iron all silks, fine fiannels and all delicate articles entirely by hand. Give us a trial. Phone Main 58.

elicate articles entropy and selicate articles entropy at a trial. Phone Main 58.

LOOK TO YOUR SKATES NOW.

Expert skate sharpening while you at arms.

The concert given by members of the Superior School in Fairville was repeated last evening in the Fairville Methodist Sunday school hall and met with a very gratifying appreciation.

PHONOGRAPHS.

Don't miss our phonograph display.

Phonograph Saion, Ltd., 25 King quare.

SELLING OUT BUSINESS.

Douglas McArthur, after a long business career in the same block in King itreet, is desirious of retiring from ictive affairs and now offers his stock, axtures and privileges of lease for sale. The establishment has continued under the same owner for about thirty-nine years. This is an excellent opportunity for any buyer desiring this fine standadvertisement appears in this issue. Book, toys, dolls at great bargains to the same own on. 5824-12-14

FIFTEEN MINUTES OF RADIO EACH DAY

By Edward N. Davis Formerly Technical Electrical Expert For U. S. Government

Lesson No. 180.

THE GROUND ANTENNA. During the War at several of the Naval Radio stations tests were conducted with an antenna consisting of a long wire on, or a short distance below, the surface of the ground. It was even found that signals could be received very well when an insulated wire was laid along the bed of a lake or the ocean and the wire terminated in the receiving station on short. An antenna of this type is commonly called a ground antenna. While a bare wire will give fair results the wire should be insulated for maximum results.

It is believed that the front of the advancing waves bends at the surface of the ground and the wave penetrates the ground for a short distance, the amount of the penetration being dependent upon the wave length. The amount of energy received with such an antenna is considerably less than that received with the ordinary type of acrial and for that reason it is necessary to employ an amplifier.

The ground antenna is found to be very directional in its effects, the loudest signal being received when the wire extends in the direction of propagation of the waves. It is often possible to read signals received over a ground antenna when the aerial is rendered useless by nearby thunderstorms.

The length of the wire which should be employed in the ground antenna depends largely upon the wave engths of the signals it is desired to receive, the longer wavelengths requiring longer wires than is necessary for the reception of short waves. The thickness of the insulation of the wire and the nature of the soil in which the wire is laid also affects the length of the wire to be used for best results.

length of the wire to be used for best results.

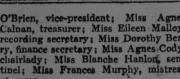
In average earth, a ground antenna about 75 feet long, is found to operate well for the reception of wave lengths between 150 and 500 meters. For the reception of wave lengths over 6,000 meters a wire about 1,000 feet long may be necessary. A single rubber insulated number 14 wire buried from 6 inches to 2 feet below the surface of the ground is sufficient for practical purposes.

Louder signals are obtained when the wire is buried in wet soil or in water. When the wire is immersed in salt water, a slight increase in depth causes a great reduction in signals while in fresh water no appreciable decrease in signal strength was noted up to a depth of 50 feet.

It should be remembered that the ground antenna will not function with an ordinary crystal detector or with a single tube receiver, several stages of amplification being necessary for satisfactory operation of the device.

Tests made with transmitting equipment connected to ground antenna

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A meeting of the committee to consider the matter of adequate fire protection for Fairville was held last evening in the Temperance hall with Councillor William Golding presiding. Adjournment was made until Tuesday night.

ixtures and privileges of lease for sale.
The establishment has continued under the same owner for about thirty-nine years. This is an excellent opportunity for any buyer desiring this fine stand. Advertisement appears in this issue. Book, toys, dolls at great bargains to tlear. Sale now on.

TOY LAND.
Everything in Toys.—Phonograph Salon, Ltd., 25 King square.

TOY LAND.

Everything in Toys.—Phonograph Salon, Ltd., 25 King square.

TOY LAND.

Everything in Toys.—Phonograph Salon, Ltd., 25 King square.

Havelock No. 7, Loyal Orange Lodge, held its regular meeting last night. The election of officers resulted as fol-

the evening.

Hon. D. W. Mersereau, Minister of Agriculture for New Brunswick, was in the city yesterday. He had intended going to the Winter Fair at Amherst, but on account of indisposition decided to return to his home. Mr. Mersereau has been suffering from a severe cold for several days.

Miss Ellen Donnelly, 811 Main etreet, had a narrow escape from serious injury last evening when she fell in trying to get clear of a moving street at the corner of Douglas avenue and Main street. She luckly fell clear of the track and, outside of a slight cut on her temple received no injury.

The heavy rain last night caused a partial washout of the recent fill-in of the excavations made at the head of King street and a West St. John street car went off the track on its way around the corner. At one time ten street cars were stalled near the head of King street and the service was held up for about half an hour.

Miss Grace Austin, a sixteen year old

around the corner. At one time ten street cars were stalled near the head of King street and the service was held up for about half an hour.

Miss Grace Austin, a sixteen year old school girl of Wytopitlock, Maine, was almost instantly killed recently by a special C. P. R. passenger train from this city, according to advice received here yeaterday. She was crossing the tracks in the main street of the village with a girl companhon. A Maine Central train was on one track and she itepped past it directly in front of the C. P. R. special traveling at expression of the brain.

The annual meeting of the Ladies' Auxiliary, A. Q. H. Fairville, was held wift Miss Mary Ryan presiding. The bollowing officers were elected:—Miss Mary Ryan president; Miss Blanche

PRAISE FOR BOYS' CLUB.

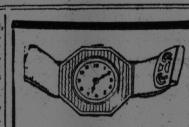
Boston Restaurant, City, Dec. 11, 1922.

To the Editor of The Times:

Sir,—When I first came to St. John on Charlotte street, I stayed in it till it went to Chipman's Hill. In all the years I never saw any boys at the association. I used to wonder why, Of course it was for young men, not boys. I can't recall any of the laboring men's sons have an association of their own, and it is likely to be an equal to when the club on Chipman's Hill. The Boys' Club on City road is non-sectarian, of which fact I am very glad, because in the East End there are many boys, both Catholic and Protestant to whome on Ocean avenue last September to get personal belongings of Loomis and found cigarettes and empty glasses in the rooms. The telesphone rang and Loomis answered it, the Loomis hore of cruelty.

When I first came to St. John in 1895 I joined the Y. M. C. A. on on charlotte street, I stayed in it till it went to Chipman's Hill. In all the years I never saw any boys at the association. I used to wonder why, Of course it was for young men, not boys.

I can't recall any of the laboring with the promote and found cigarettes and empty glasses in the rooms. The telesphone rang and Loomis answered it, the said, and a male voice asked, for whome recall any of



A Happy Thought

Watch, here's your opportunity to make a gift she'll appreciate. We silver, gold, white gold, and gold filled wrist watches; a beautiful We have them from \$15 up.

POYAS & CO.

12 King Square.

POOL TOURNAMENTS.
In the Inter-society pool tournament last evening the St. John Baptist team defeated the Y. M. C. I. due 10 to 75.
The winners were Arthur Malette and Roy Spear. The losing team was composed of James McNuity and C. Riley.
The K. of C. team composed of McGovern and Dwyer, defeated the Assumption team, Morrissey and O'Leary, 100 to 67.
The St. Rose's team defeated the St. Peter's club rooms at the Inter-society pool tournament patth shot at St. Peter's club rooms ast evening.

LOCAL NEWS

The Hiraiwa Mission Circle of Centenary church met last night at the parsonage and enjoyed an interesting programme. The devotional exercises were lead by Miss Edna Austen.

Owing to a misunderstanding regarding the time of the meeting called for the organization of a Civic Community Club, no action was taken last svening by those who gathered at 212 Prince Edward street for this purpose. It was decided to hold the meeting on Thursday evening.

Havelock No. 7, Loyal Orange Lodge, held its regular meeting last night.

Low Mowry, worshipful master: Regular John Giles, recording segretary; G. Eameron, treasurer; S. J. Holder, lecturer; H. Thornton, deputy lecturer; Bruce Weston, inner to be successively proposed to turnament patth shot at St. Peter's club rooms at the parsonage and enjoyed an interesting for the community of the parsonage and enjoyed an interesting include the parsonage an



A Gift Thought From Magee's

However many things to wear a man may have hanging in his wardrobe or tucked away in his bureau drawers, it is a safe wager his supply of hats is slim.

A smart new hat always makes an acceptable gift for a man. It is doubly acceptable when it bears the style and character which is built into it.

GENUINE VELOURS are the smartest of winter hats, and satisfy all men \$7.00, \$9.00

SOFT HATS in a decidedly complete array of styles, colors, prices, \$4.50, \$6.50, \$7.50 A DERBY

There are occasions when no other hat is proper—and a derby makes a change from the soft felt, too—

A TWEED He will approve your choice. There's no hat compares with it for all kinds of service-- \$3.00

D. Magee's Sons, Ltd., St. John, N.B.

THE NORTHERN RADIO STATIONS

mean to the country north of Edmonton. The development of the latter has had to wait on improved means of communication. The radio, at a comparatively small cost; can keep those who go in there in touch with the world's centres.

TIENED SINCE WRECK.

WOMAN SUES RAILROAD.

WOMAN SUES RAILROAD.

WOMAN SUES RAILROAD.

**Women on learn that it should estate hish a chain of stations along the waterway between Edmonton and Dawson. We now learn that such a plan has been formulated. It contemplates the establishing of wireless equipment at Smith, Resolution, Simpson, Norman, and McCherson, with a sixth station at Dawson. Mr. O. S. Finnle, the administrator of the Northwest Territories, who has been in the north during the summer, has gone on to Ottawa and it is known that he is urging strongly that an appropriation be made in the next estimates for this service. Official in various branches of the government work are in a position to undertand how much their duties would be "scallisted and the growth of the country stimulated by the introduction of wireless. They are supporting Mr. Thush and how much their duties would be "scallisted and the growth of the country stimulated by the introduction of wireless. They are supporting Mr. Thush and how much their duties would be "scallisted and the growth of the country stimulated by the introduction of wireless. They are supporting Mr. Thush and how much their duties would be "scallisted and the growth of the country stimulated by the introduction of wireless. They are supporting Mr. Thush and how much their duties would be scall the scale and the growth of the country stimulated. The hope that Canada and the recent of public money could be made. The hope that Canada and the provincial commission of outside the country is bound up with the opening up of its northland. Along the vast waterway stimulated by the country is bound up with the opening up of its northland. Along the vast waterway stimulated by the country is because the country is bound up with the op

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ment work are in a position to undertand how much their duties would be scalifated and the growth of the country stimulated by the introduction of wireless. They are supporting Mr. Finnie's recommendation with enthusiasm.

The administration should pay close heed to their representations. No sounder investment of public money could be made. The hope that Canada will become a really great country is bound up with the opening up of its northland. Along the vast waterway of the Mackenzie is a field of illimitable possibilities. Already it is a source of much wealth and each year attracts an increasing number of prospectors of various kinds. Once it it brought into closer touch with the outside world the investigation of its re-

1

Silverware

A Third to a Half Off

No mistaking the Sale reductions on Oneida Par Plate or on Rogers "1881." We have a brilliant collection of all the famous makes including Heirloom Plate which you get here only, taking up almost half the store. A few items follow, but they don't do justice to the beauty and variety of design.

Six only, chests of Community (Service Plate). \$14 value for \$7.75.
Rogers 1881 Tea Spoons, \$5.50 doz., on sale at \$3.45.

In Community Par Plate, \$4.50 value on sale at \$2.95.

Baby Mugs worth from \$1 to \$3.50, at half price.

Floral Baskets with stem holders, one third off.

Rogers Silver Service—Tea and Coffee Pot, Sugar and Cream—\$45 value for \$26.50.

Colonial Salts and Peppers, worth \$3.50 per pair, \$2.35.

Candle Sticks, ornate Grecian Square columns 10 inches high, or urn shaped at well, worth \$10 per pair for \$6.85.

Round or Oval Casseroles, pierced silver with floral etched Pyrex, priced between \$12 and \$24, but discounted at one third off.

Butter Tubs of pierced silver, glass lining and knife, \$4 value for \$2,20.

\$16 Cake Baskets, \$11.50.

Come to the Sale to feast your eyes on quality silver plate at wholesale reductions. We are open every night until Christmas.

L.L. Sharpe & Son

21 King Street

FEDERATION IS AGREED UPON

Representatives of Maritime Provinces and Newfoundland Reach a Decision at Halifax Meeting—Scheme to be Considered by Parties Involved.

Considerable progress was made yesterday towards maritime university federation at a conference of the representatives of the universities, colleges and governments of the Maritime Provinces and the Dominion of Newfoudland. Hon, R. E. Harris, chief justice of Nova Scotia, presided at the meeting, which was held lin the Provincial Building in Halifax. A tentative arrangement was made whereby the scheme agreed upon will be placed before the universities and governments involved, and, if approved, will be submitted to the Carnegie Foundation, which was responsible for the present movement toward university federation.

federation.

The scheme of federation adopted today as a workable basis for the final scheme provides for the removal to or setting up in Halifax of the following institutions: Acadia University, Wolfville, N. S.; King's University, Windsor, N. S.; Mount Allison University. Sackville, N. B.; a Presbyterian college; a Catholic college; a non-denominational college, and a French-Acadian college.

RADIO STATIONS

(Edmonton Journal.)

One requires very little imagination to appreciate what the radio must mean to the country north of Edmonton. The development of the latter has had to wait on improved means of companions and control of the latter has had to wait on improved means of companions and control of the latter has had to wait on improved means of companions and control of the service of the establishment of a central university, embracing the faculties of arts and pure science, law much from a national standpoint, and twould be a very short-sighted policy on the part of the government not to take advantage of it.

It also provides for the establishment of a central university, embracing the faculties of arts and pure science, law much from a national standpoint, and two charged with the work of organization. The development of the latter has been advantage of it.

Board of Governors.

The approved scheme provides for an interim board of governors and, after six years from its inauguration, a permanent board consisting of the president of the university, ex officio, one person appointed by the board of governors of each of the constituent colleges, six elected by the associated alumni of all the constituent colleges, one of whom shall be a resident of Newfoundland and one a resident of Newfoundland and one a resident of Nova Scotia in-council, two persons appointed by the Lieutenant-Governor of Nova Scotia in-council, two persons appointed by the Lieutenant-Governor of Newfoundland, three persons appointed by the Lieutenant-Governor of New Brunswick in-council, one person appointed by the Governor of Newfoundland, the appointments of the governments of Nova Scotia, New Brunswick, Prince Edward Island in council, and one person appointed by the Governor of Newfoundland, the appointments of the governments of Nova Scotia, New Brunswick, Prince Edward Island and N wfoundland to be made only in the event of each making an adequate annual grant to the university.

The approved scheme further lays

Macdonald; Dalhousie University, G.
S. Campbell, Hon, T. S. Rogers, Dr. A.
S. Mackenzie, Hector McInnes, W. M.
Thomson, D. Macgillivray, C. H. Mitchell, G. F. Pearson; King's University, G.
S. Mackenzie, Hector McInnes, W. M.
Thomson, D. Macgillivray, C. H. Mitchell, G. F. Pearson; King's University, G.
S. Mackenzie, Hector McInnes, W. M.
S. Mackenzie, H

adequate annual grant
sity.

The approved scheme further lays down that all members shall be chosen to act on behalf of the public at large and shall be selected solely on account of their knowledge of and their capacity to direct the affairs of an institution of higher learning.

New York, Dec. 18—Writing in the Hansa, the president of the North German Lloyd Steamship Company states that "in spite of various difficulties and the insufficient compensation accorded to German shipowners the reconstruction of the merchant fleet has been proceeding more quickly than was

University Senate.

The scheme provides that the Senate, having jurisdiction over all questions of academic policy, shall consist of the president of the university, the heads of the several constituent colleges and one member of the teaching staff of each college of full professorial rank, the deans of the several faculties of the university, two members of the staff of the university teaching pure science and of full professorial rank, and two members of the staff of the university.

Local Government.

staffs.
The conference adjourned to meet at the call of the chair after passing resolutions thanking the members of the committee for their work in bringing down such a satisfactory report and the chairman for the able manner in which he had conducted the pro-

PLAN OF COLLEGE

A Guiding Note on Furniture Gifts

Window No. 3 features a few of the things that can be done with furniture—the gift that gives twice. Smoker's Stands in oak, walnut and mahogany as

low as \$6.25.
Bridge Lamps, complete, from \$17.50. Fern Leaf Stands in oak and mahogany, \$11.90.

Fern Leaf Stands in oak and mahogany, \$11.90.
Closed Top Sewing Tables, solid mahogany, \$13.25.
"Spinet" Desks in solid mahogany, \$54.
Other ideas are Gate Leg and Tilt Top Tables, Chesterfield End Tables, Separate Chairs and Rockers, Consoles, Tea Wagons including those with tray tops, Chesterfield Suites and Chairs. The carvings and fashionings of these separate pieces are sturdily and delicately ornate according to the period of design represented. These include the moderns, the Adams, Italian Renaissance, Jacobean, Cromwellian, Georgian and Colonial.
We are open every evening till Christmas.



there is the trent in history



That is ever fresh and mas. Old and young, rich and poor, look for-ward to its coming and you can make this the happiest event by giving Father, Mother, Sister, Brother or Sweetheart a handsome piece of furniture for their Xmas gift. Leather Chairs and Rockers at \$14.00.

Handsome Willow Chairs and Rockers at \$10.00 upwards. A large assortment to choose from. Music cabinets, parlor tables, ladies work basket, etc., at all prices. Xmas gifts for the children—Toy sets, rockers, high chairs, blackboards, kiddie cars, dolls carriages, etc. See Our Windows-Open Evenings.

AMLAND BROS., LIMITED 19 WATERLOO ST.

Vancouver, Dec. 18 — A plan to smuggle morphine from the steamship Canadian Inventor was frustrated Saturday, when three men—Captain Wicks, L. C. Hogg and G. Harvie—were arrested, according to the provincial police. The police say the drugs were taken from the Inventor at Chemainus, B. C., and brought to Vanhouse, it is said, will be continued as a hotel by the new owners.

thought to your eyes NOW, before advancing years dim Lack of foresight, neglect of slight defects of vision, causes much of the eye discomforts of

amined and a good pair of glasses, if needed. Our examination will tell you the exact condition of your eyes.

guard nature's most precious gi t-YOUR EYESIGHT-by

111 Charlotte St.

ouver in a gas boat owned and cap-

