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ESTABLISHED JANUARY, 1881

t. WILSON-SMITH, Proprietor

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CANADIAN POWER AND MONTREAL STREET RAILWAY.

IN the last issue of the CHRONICLE we gave the capital of the proposed amalgamated companies as \$47,240,000. The present capital of the Montreal

Street Railway is \$14,240,000 consisting of \$10, 000.000 of stock and \$4.250.000 of bonds. The fact of the Canadian Power taking over the Street Railway means \$33,000,000 additional capital-\$33,000,-000 of additional securities to be added in consequence of the amalgamation if it takes place. The Street Railway, in addition to paying its bond interest and all other charges pays a dividend of ten per cent. upon its \$10,000,000 of capital. The Canadian Power has yet to show what its earning power will be. It has all its troubles before it. It has issued bonds to the extent of \$4,000,000, which it is presumed will cover the intended expenditure in connection with development. To the ordinary individual it seems a funny kind of a merger. The amount of power which can be developed by the new company is estimated anywhere from nine thousand to twelve thousand horse-power.

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YOUNG EGYPT. THE annual meeting of the YOUNG EGYPT. Young Egypt Party was held on Wednesday at Geneva; and a

telegram was sent to London inviting the British Government to get out of Egypt immediately. They also sent a telegram to the Khedive asking him to reestablish the Egyptian constitution. It is to be hoped that both telegrams were prepaid. A Young Egypt Party under the necessity of holding its meetings in Switzerland may be very terrible, but the Suffragettes holding their meetings at Westminster, are much more imminent and we fear Young Egypt will have to wait a little longer. For the last twentyseven years there has been a pretty good government "On Agypt's banks, contagious to the Noile" something the country had never enjoyed before in all its history. The productiveness of the land has been increased; the oppression of the Fellaheen has been suppressed; the finances of the country have been placed upon a sound basis. The new Egypt has nearly all that it could desire (and more than it could have expected twenty-seven years ago) except the racial independence for which it is still absolutely unfit. Many Englishmen will sympathise with the aspirations of Young Egypt however foolishly expressed;

but no sensible Englishman will be willing to assent to the restoration of the taskmaster, which the triumph of the Young Egypt Party would ensure. England has assumed responsibilities in the land of Pharach and cannot if she would surrender them to any less fit power. The revolt of the Young Egypt Party against British control is a proof of its unfitness to take over the reins of government.

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RECIPROCITY I's announced that the reciproc-NEGOTIATIONS. and the United States will begin next month. Whether Ottawa

will go to Washington or Washington will go to Ottawa, is not yet declared; and apart from sentimental considerations does not much matter. In the United States. "a satisfactory conclusion" is expected. The most satisfactory conclusion to be hoped for, in Canada, is that the new negotiations may be about as fruitless, as the old ones. There is nothing that Canada wants from the United States, but leve. Having that, we can mind our own business with considerable satisfaction. A certain amount of reciprocity in raw materials may be desirable, but any abandonment of the principle of protection for Canadian manufacturing industries is equivalent to national suicide.

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CANADIAN SHIP-BUILDING. SIR ROBERT PERKS says that the growth of the shipbuilding industry in Canada depends upon the extent, to which

the country is willing to pay higher prices for its ships in order to have them built in Canada; that is to say upon the amount of the subsidies forthcoming. This not only comes from a high authority, but sounds exceedingly truth-like. There is no reason why Canada should not have a great ship-building industry. if it goes the right way about it. Canada used to build wooden ships to advantage, and can build iron ships to advantage. if it is willing to use common sense, and to pay reasonable protective bounties. But it will have to begin at the right end. The shipbuilding industry of Great Britain commenced with the coracles of the ancient Britons, and has progressed to super-Dreadnoughts. The new ship-building industry of Canada threatens to begin with steel cruisers and end with tin coracles.

Combilabed 1817	BAN	K OF	MONT	REAL	Incorporated by Act
Capital (all pa	ald up), \$14,400.0	000.00. Rest,	\$12,000,000.00.	Undivided Profit	s, \$681,561.44
		HEAD OFFICE	· · MONTREAL		
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	the second manualti	opurane (wash.)-Ban)	neux) real J. M. GREATA, Mgr t of Montreal gland; The Union of L	Mexico, D.FT. S. C. S ondon and Smith's Bank The Bank of Liverpool, L	AUNDERS, Manager

Che Bank of British North America

INCORPORATED BY ROYAL CHARTER

The Court of Directors hereby give notice that an interim dividend, free of Income Tax, for the halfyear ended 30th June last, of thirty shillings per share, being at the rate of 6 per cent. per annum, will be paid on the 7th day of October next, to the Próprietors of shares registered in the Dominion of Canada.

The dividend will be payable at the rate of Exchange current on the 7th day of October, 1910, to be fixed by the Managers.

No transfer can be made between the 23rd inst. inclusive and the 6th prox., inclusive, as the books must be closed during that period.

By Or er of the Court,

A. G. WALLIS,

Secretary.

No. 5 Gracechurch Street, London, E. C.

6th September, 1910.

Prominent Topics.

The Maine Turnover. Maine astonished the De-

The Democratic victory in mocrats and almost para-

lyzed the Republicans. Mr. W. J. Bryan is well enough to express pleasure at the result, and Mr. Roosevelt is able to sit up and keep silence. The turn-over is enough to make both parties thoughtful and will no doubt have its effect in modifying the Republican tariff policy or policies. With Maine going Democratic it is no time for a split in the Republican camp. The watchword for the campaign will be "Remember Maine."

Election Expenses.

The British Trades' Union Congress at Sheffield is discussing the question of contributions

to election campaign funds, to which, the courts have decided, it is illegal for the unions to contribute. The question is evidently now to be made a parliamentary issue. We see no reason why the trades unions should be treated any differently to the business institutions in this particular. The whole subject of campaign subscriptions will bear overhauling.

A point of much importance to fire Deterioration underwriters has been established of Fire Hose. in a test of fire hose recently made at the Chicago Underwriters' La-

boratories, by Mr. William H. Merrill. Sixteen different brands of fire hose were subjected to a thorough test and critical analysis with the result that discovery was made that the rubber used for the lining of the hose was of an inferior quality, varying from 26 p.c. to 52 p.c. of gum. The analyses were verified by a rubber expert. Hose manufacturers, it is stated, used to make a feature of advertising their goods as pure Para-an excellent quality of rubber, but the frequent destruction of hose at the critical moment during severe fires demonstrates that an inferior quality of rubber was being introduced into hose, as a consequence presumably of the marked rise of rubber in value some months ago. As the Spectator of New York points out, this is an important matter for the consideration of fire underwriters, as the bursting of hose at fires often involves heavy losses of property. It is suggested that, should the quality of hose continue to depreciate, it will be necessary for fire departments to take vigorous measures.

Examining the

Comptroller of the Currency Murray, of Washington, ap-Bank Examiners. pcars to be an energetic official working in a field where his

energy will not soon be exhausted for lack of objects to spend itself upon. Hardly a week of recent months appears to have gone by without some announcement from him making

apparently towards better organization or better control of the United States banks. From the banks he has now transferred his attention to the bank examiners. A considerable number of them have been suddenly transferred to new fields. this "general post" being accompanied by the unofficial statement that the newly accredited examiners are to report on the work of their predecessors. And Mr. Murray has followed this up by an announcement that he will make a personal investigation of conditions in all examination districts. "In almost every case," he says, in the course of a statement issued to the examiners, "of a national bank failure since I have been comptroller, the insolvency could have been averted had the national bank examiner determined the true condition and reported his findings in time for me to force a correction in the administration of the bank's affairs."

Administration.

Caustic comment of this kind An Unworkable suggests that Washington is highly dissatisfied with the work of the examiners and the con-

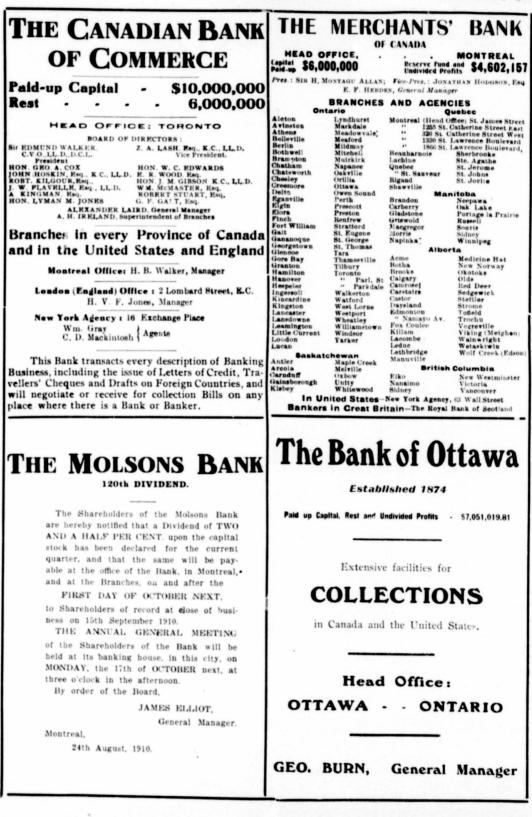
dition of the Banks and that heroic measures are considered necessary. But the real truth in the situation, in the opinion of well known observers, is that the national bank administration is out of date and nearly unworkable. This view has been unpleasant to the officials who are in charge in Washington, but the drift of events makes it clear that they must, however reluctantly, accept the idea. The present Comptroller of the Currency has, since his accession to office, attempted in various ways to secure better discipline among the examiners and to establish more widespread observance of the national act among the banks themselves. There has been a greater or less measure of success in all these undertakings, and many of the most notoriously lax institutions have been subjected to rebuke and have out their affairs into better order. Nevertheless, as the Comptroller's latest letter shows, and as can be learned from a multitude of other sources, the situation is far from being satisfactory in the large sense and it has proved nearly impossible to get the results desired in many instances. The state of things in the national system which causes the present anxiety and is giving rise to the forthcoming tour of inspection is due to fundamental conditions and likely to continue. Even if defects are corrected for the time being, they will recur, because the factors which produced them are still present.

In spite of some discouraging Toronto Exhibition. weather conditions the Toronto Exhibition cleared \$45,000 this

year as against \$50,000 last year. The total receipts were \$275,000. The attendance this year was 837,000 . against 752,000 last year.

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THE CHRONICLE.



The Chronicle

Banking, Insurance and Finance

ESTABLISHED 1881. PUBLISHED EVERY FRIDAY

R. WILSON-SMITH, Probrietor.

GUARDIAN BUILDING, MONTREAL

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MONTREAL, FRIDAY, SEPTEMBER 16, 1910.

THE GENERAL FINANCIAL SITUATION.

The continent secured the bulk of the \$3,000,-000 South African gold arriving in London on Monday. A tendency towards monetary case characterizes London and the other great European markets. Bank of England rate was left unchanged at 3 per cent. Quotations in the London market are: call money 34 to 1 per cent.; short bills, 2 13-16 to 276; three months' bills, 2 15-16 to 3 p.c. On the continent rates are maintained at last week's level. The Bank of France and the Bank of Germany adhere to their existing rates-the former 3 p.c. and the latter 4 p.c. In the Paris market 21% is quoted and at Berlin the market stands at 37%. In the absence of special demands for capital while the political aspect remains tranquil it is not to be expected that violent fluctuations in the price of money will be in evidence. It is to be noted, however, that release of a considerable sum in government balances at the Bank of England had something to do in making the London market softer in tone.

At New York also a tendency towards softness has been visible. Call loans 2 pc; sixty days $3\frac{1}{2}$ to $3\frac{34}{3}$; go days, 4 to $4\frac{1}{3}$; six months, $4\frac{1}{2}$ to $4\frac{34}{4}$ are the quotations prevailing, notwithstanding the fact that the Saturday bank statement showed that another respectable slice had been cut from the surplus of the clearing house institutions. They had to report a loan expansion of \$2,900,000, and a specie outgo of \$4,500,000—the net result of which was to reduce the surplus by \$3,788,000, bringing it down to \$28,069,375.

The trust companies and non-member state banks reported a loan reduction of \$3,760,000 accompanied by a cash loss of a million dollars. Their proportion of reserve to liability remained unchanged at 18.0 p.c. Notwithstanding the dwindling of the surplus reserve the sentiment in the big American centre is not now greatly disturbed.

It is probable enough that the development of the crop-moving season in the United States and in Canada will result in further heavy drafts upon the New York surplus, and Wall Street doubtless has this contingency in mind. But in the past year the speculative community has "supped on horrors" so constantly that a small thing like the probable exhaustion of the bank surplus does not worry it. For example a little prospective tightness in the money market does not appear to the average speculator such a fearsome thing since he has been worrying over the apparently desperate efforts of the legislators-federal and state-to cripple or destroy the railways and other great corporations the stocks of which are scattered widely over this continent and over Europe.

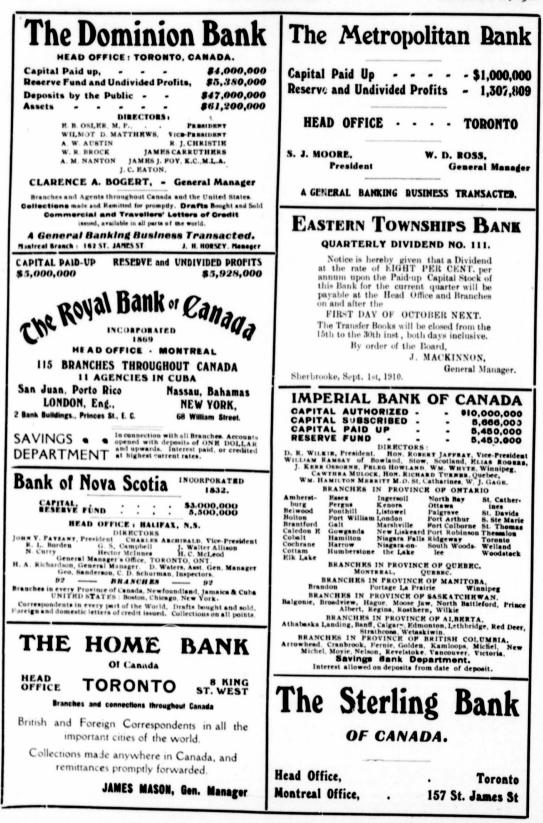
Call loans in Montreal and Toronto are unchanged at 51/2 p.c. Local money market conditions have not displayed any tendency towards wheed change. The business of moving our western wheat crop is going forward smoothly and satisfactorily, and there is no indication whatever that it is overtaxing or straining the banks in any way. Although the trading in the home stock markets has assumed a more confident tone it is not yet so active as to throw any remarkable burden upon the banks in the financing of it. A short while ago the news dispatches from New York regarding the so-called Pearson-Farquhar syndicate had an effect in depressing the Latin-American group of stocks in the Montreal and Toronto markets. As a depressing factor that circumstance has about lost its force and the group in question is scoring satisfactory advances.

It is to be noted that the proposed deal regarding Montreal Street Railway will call for some heavy financing which should by right be undertaken abroad. But it may be that Montreal and Toronto will be required to take a considerable part of this load.

New York exchange is still quoted at a discount in Montreal and Toronto-so presumably the transfer of credits or funds from the big centre to this country is still actively in progress. There have been no complaints from New York as to our banks calling loans there. And perhaps the movement consists of drawings against the balances accumulated in the New York banks as a result of the calling of loans three weeks ago and more. It will be understood that there is always a considerable demand for New York exchange emanating from the Canadian wholesale and manufacturing interests importing goods from the United States. But in seasons like the present when the banks are transferring to this country blocks of capital hitherto employed as call loans elsewhere the flow in this direction overbalances the demand from the importers and sends New York funds to a discount.

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CANADA'S REVENUE IN AUGUST.

Canada's revenue in August was \$10,174,930 comparing with \$8,460,848 in August of 1900, an increase of \$1,705,082. For the five months of the current fiscal year ending with August the revenue of the Dominion was \$45,830,370 comparing with \$38,500,160 during the corresponding period of last year, an increase of \$7,330,210. Expenditure on account of the consolidated fund in August was \$5,501,930, as against \$5,567,753 in August of 1900, a decrease of \$65,814. For the five months of the fiscal year expenditure was \$27,546,017 as against \$26,353,179 in the same five months of 1900, an increase of \$1,102,838.

The surplus of revenue over expenditure at the end of August was \$18,284,353, having been raised during the month nearly \$5,000,000 from the end of July figure of \$13,611,362, and comparing with a surplus at the end of five months of the fiscal year, 1000, of \$12,146.981. Even taking into account the exigencies of bookkeeping, a surplus of over eighteen and a quarter million dollars at the end of five months of the fiscal year gives promise of a very substantial margin when the year has run its course.

The question now arises, will the Dominion's revenue continue to increase in the same proportion during the remaining montus of the fiscal year? That question can only be answered by the

Statement of the Public Debt and the Revenue and Expenditure of the Dominion of Canada

As by returns furnished to the Finance Department to the night of the 31st August, 1909 and 1910.

Down			1909	1910
PUBLIC DEBT.			\$ cts.	\$ cts.
LIABILITIES. Payable in Canada do. in England Temporary Loans Bank Circulation Redemption Fund Dominion Notes Avvince Banks-	1909.		\$ cts. 4.848,210 61 277,920,905 54 7,299,999 99 4,137,133 61 79,005,300 50	4,898,710 61 260,249,237 48 4,315 618 70 90,107,362 00
Post Office Savings Banks Dominion Government Savings Banks Trust Funds Province Accounts	14,513,942 29		58,100,039 98 9,058.044 06 11,920,582 42 18,869,681 02	57,259,226 42 9,321,052 06 11,920,582 42 34,079,034 19
Miscellaneous and Banking Accounts Total Gross Debt			471,159,987 73	472.141.823 88
A SSETS. Sinking Funds	• • • • • • • • • • • • • • • • • • • •		39,203 880 77 30,824,755 77 2,296,429 12 78,346,126 19	$\begin{array}{c} 15,197,781 & 06 \\ 26,661,851 & 20 \\ 2,296,429 & 12 \\ 100,640,210 & 34 \end{array}$
Other Investments Province Accounts Miscellaneous and Banking Accounts.			150,671,191 85	144,796,271 72
Miscellaneous and Banking Accounts. Total Assets Total Net Debt 31st August	••••••		320,488,795 88 320,637,590 53	327,345,552 16 328,615,687 40
Total Net Debt 31st August do. 31st July			148,794 65	1,270,135 24
do. 3151 July Decrease of Debt REVENUE AND EXPENDITURE ON ACCOUNT OF CONSOLIDATED FUND	Month of August, 1909.	Total to 31st August, 1909.	Month of August, 1910.	Total to 31st August, 1910.
REVENUE Customs Excise. Post Office Public Works, including Railways and Canals	\$ cts. 5,365,577 79 1,237,941 29 600,000 00 838,686 02 427,643 41	\$ cts. 23.253,408 (3 5.951,339 37 2,710,000 00 4,205,090 70 2,50,321 72	\$ cts. 6,560,662 05 1,532,296 47 600,000 00 1,012,552 66 469,419 52	29,566.410 16 6,455,307 63 2,975,000 00 4,531,574 67 2,302,077 69
			10,174,930 70	45,830,370 15
Miscellaneous.	8.469.848 51	38,500,160 42	and a decreasive statement of the second statement of	
Total	8,469,848 51 5,567,753 64	38,500,160 42 26,353,179 96	5,501,939 47	27,546,017 04
Total			and a decreasive statement of the second statement of	
Total Expenditure. Expenditure on Capital Account, etc.	5,567,753 64	26,353,179 96 7,309,600 45	3,202,641 97	27,546,017 04 8,583,148 74
Total	2,453,858 76 108,056 32 45,809 85 208,820 92	26,353,179 96	5,501,939 47	27,546,017 04 8,583,148 74 - 5,115 19 108,819 20 505,286 43

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efflux of time. Analysis of the existing figures, however, not only shows the present course of the revenue, but reveals certain tendencies on the part of the Dominion's trade. Such being the case the figures demand the serious consideration of those who are interested in the present course of events in Canada and likely future developments.

The August revenue of \$10,174,930 compares, as has been said, with a revenue in August of last year of \$8,469,848, the increase thus being \$1,-705,082 or 20.1 p.c. The August revenue shows a decided advance of some \$850,000 upon that for July, whose total of \$9,320,586, compared with a total of \$9,612,677 in June. The July ratio of increase upon the July of 1909 was relatively unfavourable being but 10.5 p.c. whereas the cor-responding figure for June was 20.4 p.c. The August ratio of incrase of 20.1 p.c. is, therefore, a return to the June level of progress. The August customs revenue was \$6,560,662, comparing with \$5,365,577 in August of 1909, an increase of \$1,195,085 or 22.3 p.c. This shows a substantial gain in total figures compared with the preceding months, but a falling off in ratio of increase. The July customs revenue was \$5,-011,403 against \$4,896,422 last year, an increase of \$1,104,981 or 22.9 p.c.; the June customs revenue \$6,180,362 against \$4,810,270 in June of last year, an increase of \$1,370,083 or 28.4 p.c. In regard to aggregates of the current fiscal

year, the five months' revenue of \$45,830,370 against \$38,500,160 represents an increase of \$7,330,210 or 100 p.c.; the four months' revenue to the end of July of \$35,655,439 against \$30,-030,311 for the corresponding period of 1909 represented an increase of \$5,625,128 or 18.7 per cent.; the three months' revenue to the end of June, \$26,334,853 against \$21,592,872 for the same three months of 1909, represented an increase of \$4,741,981 or 22 per cent.

With reference to the customs receipts only, the aggregate of five months customs collections of \$20,566,410, against \$23,283,408 for the corresponding months of 1000 shows an increase of \$6,283,002 or 27.0 p.c.; the aggregate of four months' customs receipts was \$23,005,748 against \$17.917,830 last year, an increase of \$5,087,918 or 28.4 per cent; the aggregate of three months' customs revenue to the end of June was \$17,094,-345 against \$13,021,407 in the corresponding period of last year, an increase of \$4,072,938 or 31.3 per cent.

The collection of the percentage data used in the foregoing comparisons produces the following table : --

RATIOS OF INCREASE.

MONTHLY FIG	Total Revenue.	Total Customs.
June	20.4	28.4
July	10.5	22.9
August	20.1	22.3
AGGREGATE	s.	
To June (3 mos.)	22.0	31.3
To July (4 mos.)	18.7	28.4
To August (5 mos.)	19.0	27.0

These figures are certainly significant. The ratio of increase in revenue has, it will be seen, fluctuated violently in the last three months, the August figure, however, restor-ing the equilibrium of the ratio of increase to

about the June level. At the same time, the percentage of progress in aggregates has decreased, having dropped three full points from 22.0 p.c. to 19 p.c. between June and August, though the latter figure is a recovery from the lower level of July, caused by the sharp fall in the ratio of increase of revenue during that month. The percentages of the customs revenues are of wider importance, since, possibly to a greater extent than any other single item in the statement, they form an index to the condition of trade. decrease in the ratio of increase of the customs collections during the period covered by the table is unbroken, and it will be noticed that for each of the three months the rate of increase is perceptibly lower than for the respective periods since the commencement of the fiscal year. A June ratio of increase of 28.4 p.c. compares with a three months' ratio of 31.3 p.c.; a July ratio of 22.9 p.c. with a four months' ratio of 28.4 p.c. and an August ratio of 22.3 p.c. with a five months' ratio of 27.0 p.c. Thus the aggregate ratio of increase has fallen in two months over 4 p.c. from 31.3 p.c. to 27 p.c. The inference would appear to be that there is a slight but distinct shading-off in the Dominion's trade activity, in so far as the customs collections are an index to that activity.

With regard to the statement of public debt some prominence has been given to the fact that the Savings Banks totals show a decrease this month. There is really nothing new in this; in fact the decrease in August was not so large as in some previous months. Taking the last three months, the figures are as follows:

June July August	1909 \$58,329,193 58,178,704 58,100,039	1910 \$57,232,780 57,200,507 57,259,226	Decrease. \$1,096,413 978,197 840,813
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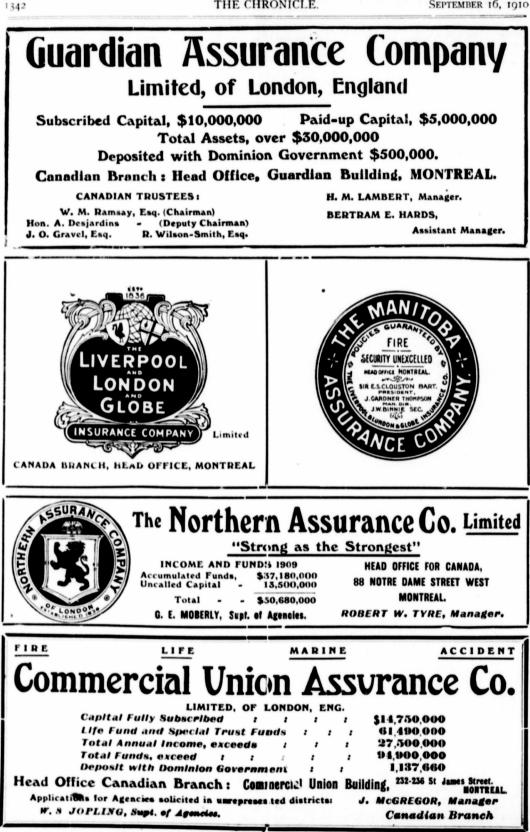
THE CANADIAN PACIFIC'S REPORT.

The twenty-ninth annual report of the Canadian Pacific Railway issued this week preliminary to the annual meeting of shareholders on Wednesday, October 5th next, is the record of what is in some respects a very remarkable year in the company's history. Last year, the gross earnings of the company from railway operations alone reached a record high figure, but net earnings were some \$2,250,000 below the level reached in 1007. This year not only has a new high level been reached in the matter of gross earnings, which have attained the magnificent total of \$94,980,490, as compared with only \$76,313,320 in 1900, but net earnings have also attained a new high level, at \$33,839,955 showing an advance of practically eleven millions over the 1909 figures.

The gross and net earnings of the company during the last six years appear in the following table : --

Year e	nde	d					0	Net
June							Gross	\$11.830.055
							\$94.989.490 76.313,320	22.955.573
1909								21,791,360
1908							== a17 = 28	25,303,309
1907							6.660	22,973.312
1906							10 181 822	15.475.088
1905							16 160 122	14,213,105

THE CHRONICLE.



ciated from this table. Both gross and net earnings, it will be observed, have more than doubled in six years, and a satisfactory point of the showing is that net earnings have increased in a larger ratio than gross earnings. Comparing 1910 with 1904 the actual percentage of increase in gross earnings is 104.4; in net earnings the actual per-centage of increase is 138.1. For 1910, working expenses were 64.38 p.c. of the gross earnings and the net earnings, 35.62 p.c. comparing with 69.92 p.c. and 30.08 p.c. respectively in 1909.

The gross earnings and working expenses for the year are particularised in the following table:

EARNINGS FOR THE YEAR.

From passengers		\$24,812,020.86 60,158,887.03
From freight		791.745.45
**		/91./45.45
E-om clooping cars.	express, elevators and	9,226,836.99
Total		\$94.989,490.33
WORKING	EXPENSES FOR THE Y	EAR.

Maintenance of way and structures..... 12,567,493.86 Maintenance of equipment..... 2,436,651.26 Traffic expenses..... Parlor and sleeping car expenses..... 600,796.11 Expenses of lake and river steamers..... 858.834.34 General expenses. 2.548.700.80 Commercial telegraph.....

Total......\$61,149.534.46

Turning to the general financial results of the year these are summarized in the following compilation, a comparison being shown with the figures the two previous years: -

of the two previous years. 1910 Gross earnings\$94,989,490 Working expenses 61,149,534	1909 \$76,313,320 53,357,748	1908 \$71,384,169 49,591,803
Net earnings \$33.839.955 Other income 3.335.713	\$22,955,572 2,306,488	\$21,792,366 2,654,633
Total income\$37,175,668 Fixed charges	\$25,262,060 9,427,032	\$24,446,999 8,770,077
Balange	\$15,835,028 880,000	\$15,676,922 880,000
Balance	\$14.955.028 11,107,867	\$14,796,922 9,217,207
No. 10 for year \$13,806,615	\$3.847,161	\$5.579.715

Net surplus for year \$13,896,615

The "other income," which includes net earnings of steamships in excess of the amount included in monthly reports, interest on deposits and loans and interest and dividends upon various bonds and shares held by the company, is over \$1,-000,000 higher than last year, and more than offsets the rise in fixed charges. Four per cent. consolidated Debenture stock to the amount of £1,598,935 was created and sold during the year and of the proceeds, the sum of £1,068,965 was applied to the construction of authorized branch lines; £98,200 was used to acquire the same amount of the company's first mortgage 5 p.c. Bonds, and the balance, $\pounds 431,770$, was devoted to the acquisition of the bonds of other railway companies, whose lines constitute a portion of the system. Four per cent. preference stock to the amount of £600,000 was created and sold, the proceeds being used to meet capital expenditure, while guarantee of interest was endorsed on 4 p.c. Consolidated Mortgage Bonds of the Minnea-

polis, St. Paul & Sault Ste. Marie Railway, issued and sold to meet the cost of constructing 110 miles of railway added to that company's system. The increase in the amount absorbed by dividends is due, of course, to the fact that the second halfyearly dividend on the ordinary stock, payable on the 1st October next, is at the rate of 7 p.c. per annum instead of 6 p.c. as hitherto, as well as to the additional preference stock sold.

The mileage of the company included in the traffic returns is now 10,270. To this has to be added the mileage of other lines worked, 262, and the mileage of outer files worked 2027 mileage of the Minneapolis, St Paul and Sault Ste Marie and of the Duluth, South Shore & Atlantic Railways is 4,222. That twelve months hence the Canadian Pacific's mileage will have received considerable additions, there is every indication. At the meeting the shareholders will be asked to authorize the issue and sale of a sufficient amount of 4 p.c. consolidated debenture stock to provide for the construction of 553 miles of branch lines in the provinces of Manitoba, Saskatchewan and Alberta; to approve the agreement for the leasing of the New Brunswick Southern Railway, which runs from West St. John to St. Stephen, N.B. (83 miles); to approve another agreement by which the St. Maurice Valley Railway is constructing its line between Three Rivers and Grand'Mère, so as to give a better connection between Shawinigan Falls and the mills at Grand-Mère, subsequently, leasing it to the Canadian Pacific; to approve a further agreement for the construction in sections and leasing of a railway which will have eventually as its terminals Golden, B.C., and Galloway on the Crow's Nest line. Mention is also made in the report of the directors, of the arrangement, which will, however, not be effective for some months, by which will be transferred to the Canadian Pacific practically all of the capital stock of the Dominion Atlantic Railway, consisting of £270,000 of preference stock and £230,000 of ordinary stock, at the price of 60 per cent. of its face value for the preferred and 20 p.c. of its face value for the common shares. This railway extends from Yarmouth to Truro, N.S., with branches to Kingsport and Torbrook Mines, a total of 247 miles, and a connection is made with Halifax under a contract with the Dominion Government for the use of 45 miles of the Intercolonial Railway. The directors mention that they are confident that important traffic advantages will result from the acquisition of this railway, and it will, moreover, give the company a foothold in the province of Nova Scotia, in which, hitherto, it has had no interests.

The company's land holdings now aggregate 7.539.722 acres in Manitoba, Saskatchewan and Alberta (average of sales in past year, \$14.84 per acre) and 4,474,094 acres in British Columbia. The sales of agricultural land during the year aggregated 975,030 acres for \$14,468,564, an average, as stated of \$14.84 per acre. Included in this area were 145,421 acres of irrigated land which brought \$26.59 per acre, so that the average price of the balance was \$12.78 per acre. The directors have now decided that water should be provided for the eastern section of the Irrigation Block containing about 1,100,000 acres before any thing is done in the central section and they

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have authorized the execution of the work which will cover a period of about three years, and will involve an estimated expenditure of \$8,500,000 for which the shareholders' approval will be asked. The average cost per acre of irrigating this block exceeds by a considerable amount the average in the Western Section, due to the greater difficulty in reaching the source of water supply, to the mileage of the ditches, 3,500 miles as compared with 1,600 miles and to the improved character of the structures, but in the light of past experience the directors are confident that the financial and other results will be eminently satisfactory. The money provided for this work will, of course, be provided from the accumulated land funds.

The total assets of the company are now stated in the balance sheet at \$526,250,289, as compared with \$459,318,424 in the 1909 balance sheet. Of this, railway and equipment are taken at \$317,-226,265, steamships at \$18,460,161, acquired securities (cost) \$69,076,971, deferred payments on land and town site sales, \$27,942,113. Cash in hand is \$46,165,187 and there is temporarily invested in government securities \$10,088,734. Liabilities are placed at \$483,380,443 so that there is a surplus of \$42,869,846. Over and above this surplus are the land-holdings.

The following tables show the present capitalization of the company and its dividend record since its inception : -

DRESENT CAPITALIZATION.

Do. New Issu Four per cent Four per cent	e (\$30,000,000) pai preference stock. consolidated debe	rtly paid	55.616.665
Mortgage bor	ge, 5 per cent	. \$34.00	8.633
First Mortga	al Railway, 6 per c	ent., 97	3.333
Algoma Bra	nch, 1st mortgage	3.65	39,621,966
Total.			\$405,480,332
	DIVIDEND	RECORD.	
Years	Per cent.	Years	Per cent.
1885	4	1899	4
1886-7-8-9		1900	5 1-2
1800	3	1901-2-3	5
1801-2-3-4	5	1904-5-6	6
1805		1907-8-9	*7
1896-7		1910	*8
1808	4 1-2		

*One per cent. from interest on proceeds of land sales.

MONTREAL WATER & POWER COMPANY.

The following letter has been sent to the Mayor and Controllers, with reference to the report of the latter to the Council, concerning the Montreal Water & Power Company. The letter is perfectly clear and to the point.

September 8th, 1910.

To the Mayor and Controllers of the City of Montreal, Montreal.

Gentlemen : -

In the columns of the public press of the 18th August, there appeared what purported to be a synopsis of a report of the Controllers to the Council regarding the Montreal Water & Power Company, together with a resumé of remarks relating thereto made by Mr. Wanklyn. The object of this letter is to say that, if the remarks in question are correctly reported, they are certainly unfair and unjust to this company and not

in accordance with the facts. The company has not refused and will not refuse to give the Controllers any information or allow the Controllers to make any investigation they are legally entitled to under the Act dealing with the question. This is a point for your serious consideration and any statement emanating from your body must have regard to and be in accordance with this announcement.

The whole question is by the legislation put into very concrete and simple form and means the following :

I. If the City wants the property the legislation gives them the right to obtain it whether the company wishes to sell or not.

2. If the City wants the property and whether the City acquires it by one means or the other the price must be determined by arbitration.

3. The arbitrators are chosen, one by the City, one by the company and the third by the two in question, or if that is impossible then he is appointed by the Court.

4. This plan is to all intents and purposes precisely the same plan that the laws of every civilized country provide whereby corporations, such as railroad companies, municipal corporations and others given the right of eminent domain, may forcibly acquire property they may require for their special purposes.

Under the above circumstances it is quite clear that the company and the city are equally in the hands of the arbitrators, and we, therefore, do not see why the Controllers should ask for or expect to act in this matter in any other way than that indicated by the law.

We also take this opportunity of reiterating what we told you verbally, viz, that we are prepared to purchase the water system of the City of Montreal on precisely the same plan as that outlined in the law under which you have the right to purchase our system, subject to the following

(a) The rates at present in force on the city system, to be maintained by us for a term of 30 years and then to be the subject of revision for the ensuing 30 years.

(b) We will put up a guarantee of one hundred thousand dollars that we will pay over the purchase price within 90 days of the final award of the arbitrators.

 (ϵ) We will within two years of the taking possession of the system, instal a filtration plant of sufficient capacity to filter the whole water supply. (d) Other details to be arranged to our mutual

satisfaction. In conclusion we beg to say, that we understood from the remarks made by Mr. Wanklyn, in Council, that the Controllers now have no objection to our proceeding with the installation of our own proposed filtration plant. This as you are aware is quite contrary to the terms of your letter to us dated 3rd August last and we confess we are somewhat at a loss to know whether we should act as far as possible upon your expressed written wish to us or the subsequent verbal statement of Mr. Wanklyn who in the circumstances might be supposed to represent the views of the Board of Control as a whole, and perhaps you will be good enough to enlighten us on this point.

Yours faithfully,

MONTREAL WATER & POWER COMPANY. Per EDWIN HANSON, President. 1346

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THE FUNCTIONS OF THE BANK OF ENGLAND.

In continuation of its series of publications upon the banking systems of the world, the Na-tional Monetary Commission of the United States has just issued a monograph upon the English banking system. The writer is Mr. Hartley Withers, formerly financial editor of the London Times, now of the London Morning Post, and the author of a brilliant book upon the London money market, "The Meaning of Money," which, appearing last year, has already taken rank as a standard work upon the subject, and may, in fact, in some sense be regarded as a successor to Bagehot's "Lombard Street." Mr. Withers begins his monograph with an enumeration of the distinctive functions of the Bank of England, which he declares to be as follow :-

1. Banker to the British Government.

2. Banker to the joint stock and private banks.

3. (a) Sole possessor of the right to issue notes which are legal tender in England; (b) sole possessor, among joint stock banks with an office in London, of the right to issue notes at all.

4. Provider of emergency currency.

5. Keeper of the gold reserve for British banking.

6. Keeper of the gold reserve which is most readily available for the purposes of international banking

These various functions, says Mr. Withers, fit into and supplement one another, and though their diversity is sometimes pointed to as throwing too much responsibility on to one institution, it, in fact, enables the bank to carry out its duties with extraordinary ease and with the least possible disturbance to the financial community. By the fact that it keeps the balances of the other banks, the Bank of England is enabled to conduct the payment of the interest on the British debt largely by transfers in its books. By the fact that it keeps the balances of the Government and has the monopoly of the legal tender note issue, the bank has a great prestige in the eyes of the general public, which it communicates to the other banks which bank with it.

A credit in the books of the Bank of England, continues the writer, has come to be regarded as just as good as so much gold, and the other banks, with one exception, habitually state their "cash in hand and at the Bank of England" as one item in their balance sheets, as if there were no difference between an actual holding of gold or legal tender and a balance at the Bank of England. It thus follows, at times when an increase of currency is desirable, that it can be expanded by an increase in the balances of the other banks at the Bank of England, since they thus become possessed of more cash to be used as the basis of credit; for currency in England chiefly consists of cheques, and customers who apply to the banks for accommodation by way of discount or advance, use it by drawing a cheque, which is passed on and so creates a deposit, and expansion of currency thus consists chiefly in expansion of banking deposits. This expansion is only limited by the proportion between deposits and cash which the banks think fit to keep, and as long as they can increase their cash by increasing their credit in the Bank of England's books the creation of currency can proceed without let or hindrance.

When its rate is not effective the Bank of England finds itself obliged to intervene in the outer money market-consisting of the other banks and their customers-and control the rates current in it. This it does by borrowing some of the floating funds in this market, so lessening their supply and forcing up the price of money. By means of this borrowing it diminishes the balances kept with it by the other banks, either directly or indirectly— directly if it borrows from them, indirectly if it borrows from their customers, who hand the advance to it in the shape of a cheque on them. The result is that so much of the "cash at the Bank of England," which the English banking community uses as part of its basis of credit, is wiped out, money-which in London generally means the price at which the bankers are prepared to lend for a day or for a short period to the discount houses-becomes dearer, the market rate of discount consequently tends to advance, the foreign exchanges move in favour of London, and the tide of gold sets in the direction of the Bank of England's vaults, and it is enabled to replenish its reserve or check the drain on it.

In summing up the relation of the bank to the English money market and to the international money market, it is declared by Mr. Withers that the prestige which makes a credit in its books as good as gold enables the banking community to expand credits and make cheque currency as long as the Bank is prepared to lend credit. At the end of the half-year it is sometimes applied to for fresh credits to the extent of over twenty millions sterling, chiefly in the form of advances for a few days. On one side of its account its holding of securities is expanded by this amount and on the other its liability on deposits is similarly swollen.

THE MAKING OF A CANADIAN INDEX NUMBER.

The fact that henceforth the Department of Labour will be able to carry forward on a proper basis, a contemporary index number of prices in Canada from month to month is not the least important of the results which have accrued from the exhaustive investigation into the course of prices in Canada from 1890 to 1909 which the Department has recently concluded, and the results of which have now been published (see THE CHRON-ICLE, August 26, p. 1237). An index number is a statistical contrivance whereby facts so apparently remote from each other, if not incompatible, as, say, a rise in the price of milk measured by the quart, and a decline in the price of pig iron measured by the ton, may, in effect, be stated in the terms of a common denominator, and reduced to a single expression. An index number is the ratio between the price of a given article or number of articles at a given date and the price of some other article or number of articles at some other date or period selected as a base or standard. Percentages being purely relative expressions may, when reckoned on a common basis, be combined or compared in a way impossible with actual prices.

In the Department of Labour's recent investigation the object has been to construct, in accordance with approved principles, an index number of prices for Canada, covering the past twenty years. In 1800 a committee of eminent economists appointed by the British Association for the purpose



of investigating the methods of ascertaining and of measuring variations in the value of the monetary standard, recommended in the course of various reports which deal exhaustively with the subject of index numbers, that "governments shoulddirect existing Departments of State, to collect a sufficient number of prices officially, to publish their prices officially, to deduce one or more index numbers from them, and to publish the variations in these index numbers annually or at more frequent periods." The Department of Labour is really adopting the recommendation of these economists, since it is the intention to carry the number forward from month to month in future in the Labour Gazette.

The purposes of an index number are essentially practical. In the case of the Canadian number, the purposes which it is expected to serve, past and future, are to afford a means of measuring tendencies in the cost of living and an interpretation of the current trade situation as reflected in prices, For the former purpose, retail prices are, in theory, preferable. The Department of Labour's investi-gation has, however, been confined to wholesale prices because of their greater availability and accuracy and because over long periods they show fairly enough the general trend of living expenses, and they are to be preferred for the second object of the Canadian index number-that of affording a barometer of industrial and commercial change Moreover, the cost of living aspect of current price variations is more fully covered in the Labour Gazette in a series of monthly returns of retail prices received from 46 leading centres of population throughout Canada. Upwards of thirty staple varieties of foods are quoted in these returns, and a statement with regard to rentals is

also given. The construction of an index number of this kind involves three main problems :-

(1) The selection of the commodities to be in-

cluded in the number.

(2) The obtaining of the quotations.(3) The reducing of the statistics to a form which will show the relative significance of variations and which will permit of the combining of the quotations to show general movements.

The choice of commodities in the present case has been made on the general principle of having the index number as representative as possible of the more important phases of Canadian produc-tion and consumption. The double viewpoint of production and consumption secures the inclusion of the main articles of import and export. withstanding the many difficulties involved in including manufactured articles (chief among which is the absence of permanent standards-an especially formidable difficulty in Canada) their inclusion on a conservative basis in an enquiry like the present has seemed imperative. In the case of a large number of commodities, the manufacturing process represents practically their entire cost to the community. In the present number the effect of tendencies incidental to the manufacturing process is present in about 40 p.c. of the quotations. As regards the number of commodities, practice

in the case of the established index numbers has varied widely. The Economist's number represents 22 commodities, Jevons', 39; Sauerbeck's, 45; Falk-

ner's, 223; the United States Department of Labour's, 261 and Dun's, 350. The endeavour in the case of the Canadian number has been to obtain a fairly diversified list stopping at a point where the selection begins to involve repetition or overlapping on any considerable scale. The number of articles cited in the present enquiry is 230, though in a few instances the quotations represent the average of a large number of distinct lines.

With regard to the collection of prices, the practice followed throughout the Department of Labour investigation was to collect and collate the best available published information, the result being submitted for verification to long established firms at the wholesale centre in question. Declared values of important articles of import or export have been employed for verification purposes in the case of a few important raw materials imported by manufacturers direct from the primary world market, and in which there is no wholesale trade in Canada.

The series of quotations for a selected list of commodities having been obtained, the problem is reached of reducing them to a common basis of comparison and of combining them so as to show a generalized result. The first step to be taken is the selection of the base period, and in this respect it has been decided that for the Canadian index number 1890-1899 shall be the base period. That period has been chosen for these reasons

1) The years 1890-1899 were a period first of falling and then of rising prices; and though between 1890 and 1896 prices were probably lower than at any time in the closing quarter of the century, the recovery from 1897 to 1900 was very rapid rendering the period as available on the whole, as any, as reflecting normal conditions, within the limits of choice.

(2) A similar investigation by the United States Department of Commerce and Labour, begun in 1902 and carried on from year to year since, employs the closing decade of the nineteenth century as its base period and as the commodities covered in the two investigations are in a large number of cases the same, comparisons between the two countries are rendered much easier by the employment of the same base period. The contiguous position of the two countries, and the similarity of economic and trade conditions in both, render the study of comparative prices as between the two exceptionally inviting and worthy of being facilitated wherever possible.

The Canadian index number is being calculated on the simple arithmetical average method of giving each commodity equal importance. The list of articles, it is considered, is sufficiently extended and well distributed to overcome the need for weighting (a statistical method by which each commodity is given in the number an importance equal to the importance of the commodity in the consumption or trade of the country) based on the limited number of commodities included in the number, nor has there occurred in Canada in the past twenty years any such violent interruption of normal economic conditions as to render weighting necessary otherwise. It is stated in the Department of Labour's report, from which the facts of this article have been drawn, that it is the intention to include in the index number in the future certain articles, concerning which com-



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plete information could not be obtained in time for the present report. The inclusion of these will present no difficulty where it is possible to secure a line of quotations back to 1890, but where as in the case of certain articles already in the number, this is not found possible, owing to poverty of records, changes in industrial methods or consumption standards, etc., a difficult problem arises owing to the necessity of having all the percentages entering into the number on the same basis. In a number extending for any length of time this is a difficulty which is bound to occur and it is one for which no satisfactory solution can be found.

The London Economist's index number of average commodity prices as of September 1, was 2,407, that representing a rise of 21 points over August 1. An advance in the price of tin was chiefly responsible. The high record month of the present period was in May, 1907, when the index number touched 2,601. Compared with that time wheat shows a trifling gain, and oils, leather, and raw cotton are up substantially. But copper and lead are down 50 and 43 points respectively, while flax, wool, timber, iron, and tin are all much lower.

Following are the figures for the various months of the current year :

The Views of Commissioner Hardison.

To Part II. of the fifty-fifth annual report of the Insurance Department of Massachusetts, Insurance Commissioner Frank Hardison contributes an interesting survey of the life insurance situation in the States as he sees it.

The change in the life insurance situation during the past five years, writes Mr. Hardison, has been very gratifying. Then there was excitement, uncertainty, fear and distrust. To-day the com-panies then out of favour are proceeding work peacefully and successfully, having, to a great extent, if not fully, won back the confidence and respect of the public. All companies are issuing better contracts than before, for most of the objectionable "frills" have been eliminated, leaving plain, straightforward agreements for insurance. No longer can an appeal be made to the gambling instinct of humanity by offering deferred dividend policies, presenting estimates of gains twice as large as will ever be realised. The agent must be content with setting forth what the policy is and leave out the extravagant estimates. These better contracts, with the improvement in the financial condition of the companies, the savings from economies, the wiser administration of their affairs are of incalculable public value, for they promote confidence, curb the speculative tendency, lessen liti-gation and lift the whole business of life insurance up to a higher plane, where it can, without apology or blush, take its place among the other great business enterprises of the country which are improving the social condition of the people and aiding in the advance of civilization.....

are few who would care to go back to the old conditions unless it be those who profited by the extravagances. The higher plane of transacting business which has been reached contributes to the peace of mind and physical well-being of the officials as well as to the gain of the insured, and while the officials still find it necessary to be up and doing in order to keep their respective companies in a healthful, growing condition, their work is not carried on in the dark as some of it by some officials used to be in the old days. Important questions are considered in the open, in their broader aspects, and with wider knowledge of the surrounding facts and conditions. The conferences of the heads of the companies, by means of the periodical meetings of their association, whose officials are engaged all the while in getting information on all questions relating to the business, are like the conferences of the insurance commissioners, of great benefit, for there many of the important issues are discussed, the special knowledge possessed by one upon a particular subject is made the property of all, and a feeling of fellowship engendered which mitigates the harshness of competition although it does not destroy legitimate rivalry.

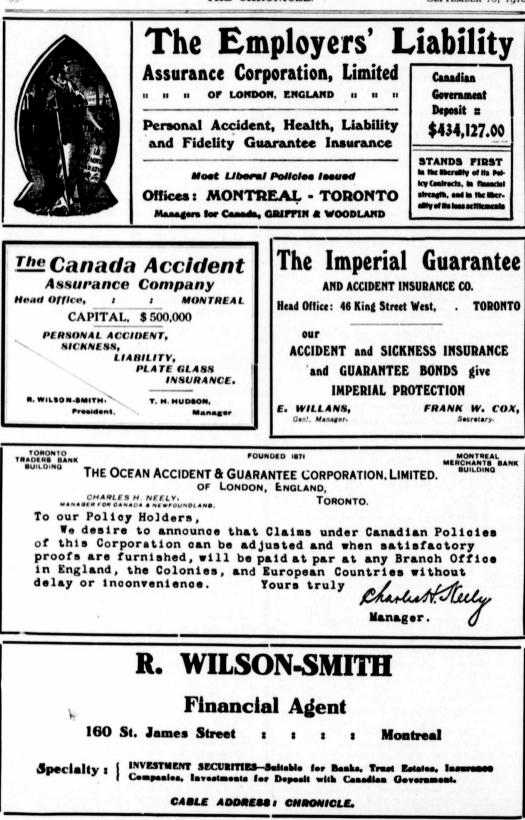
There is little danger that this present satisfactory condition with respect to the financial management of the life insurance business will be impaired so long as there is wide-awake and thorough supervision, and the laws require the publicity which is now given through examinations and the annual reports. The danger, if any, lies in another direction. It is in the matter of contracts. Already there are evidences that some of the companies would like to depart from the plain policies now generally being issued, and adopt more complicated forms, which will afford talking points for agents, who will use a "frill" for selling a policy which the "prospect" would not take were the contract presented as straight insurance. It is in these "frills" that a danger lies, for they afford great opportunities for misrepresentation just as the old deferred dividend trimming on the policy gave a chance for the agent to fool the public on the real substance of his contract..... It would seem to be essential, therefore, to guard with great jealousy, the admission into contracts of agreements which are capable of being distorted so as to make the applicant believe that he is to receive a great benefit for practically nothing, or will receive under general conditions what he will be entitled to only in special cases.

There is a growing disposition also, says Commissioner Hartigan, to favour through the policies issued those persons who take large amounts of insurance. The question will, he considers, have to be met sconer or later by legislative bodies or the Courts, whether insurance at wholesale may be furnished at a less proportionate te for sub-stantially similar contracts, the exp es on which are substantially the same, than insurance at He proceeds :- There is a tendency growing stronger each year to divide appli-cants for life insurance into classes of varying hazards, according to occupation, family history, personal habits, physical features, such as height and belt measurement, place of residence and the like. Though the applicant may per-

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sonally appear to be normal in all respects, his occupation may be such that a higher rate is de-His occupation may be satisfactory and his physical conditions excellent, but his family history be bad and this will call for an extra premium. His own case may show symptoms which are, to the physician, signals for caution and this sub-standard makes a demand for extra cost. Thus more and more it is being left to the me-

dical staff of a company to determine what an applicant's premium shall be, rather than deciding simply whether the applicant shall be accepted as at least a good average risk or be rejected. This requires the very highest grade of professional skill and judgment as well as unimpeachable integrity in order that there may be no discrimination which the laws of nearly all the States prohibit.

STATE INSURANCE IN GREAT BRITAIN.

The problem of the relations of the State to social insurance continues to provoke widespread discussion in Great Britain. As is generally known, the Government are pledged to introduce a bill dealing with insurance against sickness and invalidity. That bill has been twice postponed, and some of the practical difficulties which have been encountered in approaching the subject were discussed in THE CHRONICLE of July 8, p. 987. Con-siderable attention is being devoted to that part of the problem dealing with the question of insurance against unemployment, and to this discussion a notable contribution was made at the recent meeting of the British Association at Sheffield, when Sir H. Llewellyn Smith read before the Economic Science and Statistics section a paper on "the perfection and further development of the methods of social insurance. Sir H. Llewellyn Smith is a distinguished civil servant, one of the high permanent officials, we believe, at the British Board of Trade, the department which took in hand recently the organization of Labour Exchanges and which would doubt-less have the organization of any scheme of unemployment insurance undertaken by the State.

In the course of his address, Sir H. Llewellyn Smith outlined a new scheme of insurance against the unemployment evil. The crucial question from a practical point of view, he said, is whether it is possible to devise a scheme of insurance which, while nominally covering unemployment due to all causes other than those which can be definitely excluded, shall automatically discriminate as between the classes of unemployment for which insurance is or is not an appropriate remedy. We could, he continued, advance a step towards answering this crucial question by enumerating some of the essential characteristics of any unemployment insurance scheme, which seem to follow directly or by necessary implication from the con-

ditions of the problem. These essential characteristics Sir Hubert defined

as follows: 1. The scheme must be compulsory.

2. The scheme must be contributory.

3. There must be a maximum limit to the amount of benefit which can be drawn, both absolutely and in relation to the amount of contribution paid. Armed with this double weapon of a maximum

limit to benefit and of a minimum contribution, the operation of the scheme itself will automati-

cally exclude the loafer. 4. The scheme must avoid encouraging unemployment. It would be fatal to any scheme to offer compensation for unemployment at a rate approximating to that of ordinary wages.

5. For the same reason, it is essential to enlist the interest of all those engaged in the insured trades, whether as employers or as workmen, in reducing unemployment, by associating them with the scheme both as regards contribution and management.

6. The group of trades to which the scheme is to be applied must be a large one, and must ex-tend throughout the United Kingdom, as it is essential that industrial mobility as between occupations and districts should not be unduly checked.

7. A State subvention and guarantee will be necessary, in addition to contributions from the trades affected, in order to give the necessary stability and security, and also to justify the amount of State control that will be necessary.

8. The scheme must aim at encouraging the regular employer and workman, and discriminating against casual engagements. Otherwise, it will be subject to the criticism of placing an undue burden on the regular for the benefit of the irregular members of the trade.

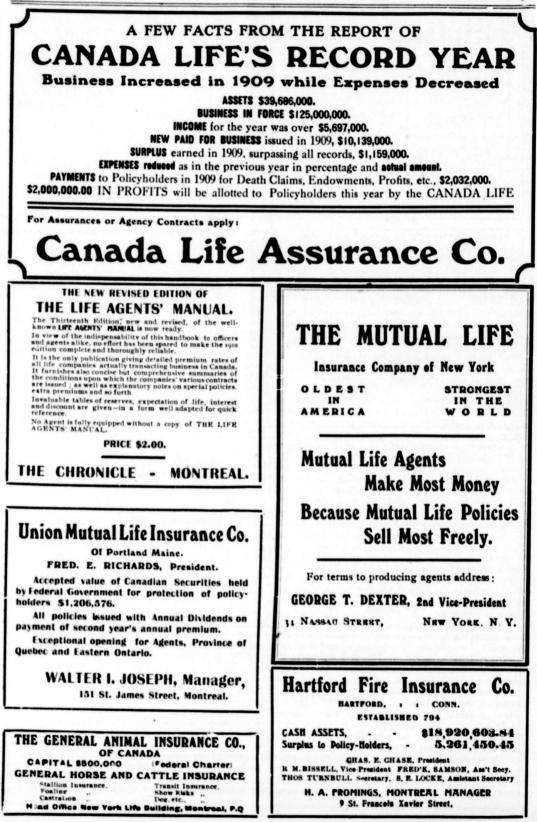
What is therefore contemplated by this scheme is a national contributory scheme of insurance universal in its operation within the limits of a large group of trades—a group so far as possible self-contained and carefully selected as favourable for the experiment, the funds being derived from compulsory contributions from all those engaged in these trades, with a subsidy and guarantee from the State, and the rules relating to benefit being so devised as to discriminate effectively against unemployment which is mainly due to personal defects, while giving a substantial allowance to those whose unemployment results from industrial causes beyond the control of the individual.

Is such a scheme practicable? This, in the opinion of Sir Hubert, is a question partly actuarial, partly administrative, and partly political. But so far as can be judged from such data as exist (and those data are admittedly imperfect and rest on a somewhat narrow basis), in his opinion a scheme framed on the lines indicated is actuarially possible, at least for such a group of trades as building, engineering and shipbuilding, that is to say, a reasonable scale of contributions will yield benefits substantial in amount and of sufficient duration to cover the bulk of the employment ordinarily met with in these trades. While the administrative difficulties would be great they would, in Sir Hubert's opinion, not be insuperable, if there were a general desire that the scheme should be brought into operation.

Sir Hubert's address and proposals are discussed in a lengthy leading article by the London Economist, which suggests that while there would be many, even among those who are most aware of the dangers of weakening individual responsibility by grandmotherly legislation, who would be in favour of the adoption of a scheme, which without weakening the workman's character or proving an undue burden upon the State would enable him to tide over periods of depression, the feasibility



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of unemployment insurance in practice is a matter of grave doubt, nor have continental experiments proved of a very reassuring nature. Up to the present the most successful form of insurance practiced abroad has been that first established at Ghent, and afterwards adopted as a national system by the French Government. Under this method all out-of-work benefit is paid by the trades unions, for this purpose subsidized and controlled by the State or municipality which supplies half the necessary funds. This scheme was re-jected by Sir H. Llewellyn Smith, and with reason, says the Economist. The employers as a body would be strenuously opposed to any Government action tending in such a direct way to the strengthening of trade unionism, even though strike and unemployment funds were rigidly isolated. The trade union rate of wages would present an enormous difficulty, since no member would be allowed to accept work at a lower rate, and the State would thus be forced into recognizing and subsidizing trade union decisions as to

Any universal compulsory scheme, the Econowages. mist thinks, is doomed to failure, but if, as is suggested, the scheme were first adopted in some few trades, such as building, engineering and shipbuilding, the experience obtained would be some guarantee of success in its wider application. general question as to how far it may be justifiable to promote industrial security by collective action is a very wide one, but whether we like it or not, says the Economist, the creation of Labour Exchanges has forced the matter to the front as one upon which the country must soon make up its mind.

Notes on Business, Insurance and Finance.

Liverpool & London & Globe.

On the 26th ult., writes the London Post Magazine, an unusually important and interesting registration was effected at

Somerset House. It was the completion of the design for the modernization and fuller equipment of one of our most honored and reputable insurance institutions. Founded under a deed of settlement in 1836, the Liverpool Fire and Life Insurance Company ten years later, on extending its operations to the Metropolis, became the Liverpool & London Insurance Company. In 1864 it acquired the Globe Insurance Company (founded as far back as 1803), and thenceforth became known throughout the world as the Liverpool & London & Globe, or popularly as the L. & L. & G. On July 25, 1904, the company was registered as unlimited pursuant to its special act of that year; and pursuant to the Liverpool & London & Globe Insurance Company's Act of 1910 has now been re-registered as a limited company. In accordance with statutory requirements the ad valorem duty of 5s per cent. on the new nominal capital of £3,000,000 became payable, so that as large a registration fee as £7,500 has again been paid by an insurance company.

This story comes from L'Italie, A Likely Market. a journal printed in English and French in Rome, and we pass it on without vouching for its authenticity. A

very large institution owed the Milan Savings Bank fifteen million lire and finding itself in funds, desired to pay back the loan. But the directors demurred. If, they said, they were to accept the many millions which borrowers are now suddenly desirous of returning, and depositors of placing with them, the Bank would not have the slightest idea what to do with all the money! On the subsequent fate of the 15,000,000 lire the story is silent. But why not a diplomatic communication to the Milan Savings Bank, pointing out the merits of, say, Canadian bonds?

Wanted, an

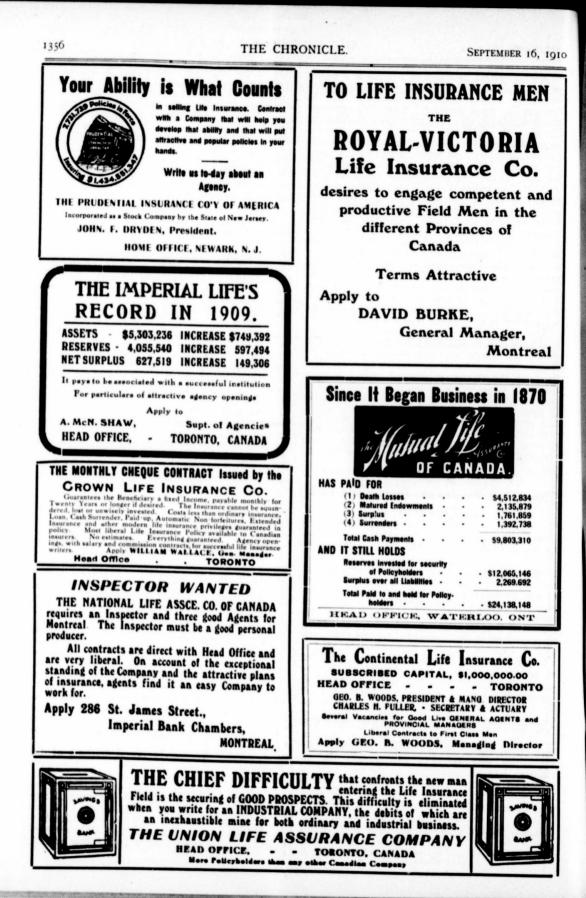
Mr. MacVeagh, the Secretary of the United States Treasury, Artistic Currency. is dissatisfied both with the size and the artistic quality of

United States bank notes. He proposes to reduce the size of the notes to 6 inches by 2½ inchesthey are now 3.04 inches wide by 7.28 inches long —and figures out that by this change, the Govern-ment will save \$612,603 every year. Moreover, he suggests "the elimination of many incoherent and meaningless features which now are confused without order on most of our notes" and proposes "that the various features are arranged more harmoniously and are drawn with a finer sense of propor-tion and selection than at present." No less than nineteen miscellaneous portrait and historic designs appear upon the issues now current. These serve no useful purpose in identifying the denomination of notes with the designs they bear nor have they been selected according to any scheme of historical balance. As an example of existing confusion, the present dollar silver certificate bears the por-traits of both Lincoln and Grant. The plan is to reduce these nineteen miscellaneous designs to nine, selecting the portraits with some reference to the importance and position of their subjects in American history and using the same portrait on one denomination throughout. The faces would be placed in the centre of the note and would enable the holder to determine at a glance the denomination. Such re-classification is believed to be the more advisable as it will enable cashiers of banks and other expert money handlers the more readily to detect counterfeits, experience having clearly shown that it is impossible for the most expert engraver to re-produce an exact facsimile of a portrait, even if the face has been engraved by himself. Under authority of Secretary Mac-Veagh, a special committee of Treasury officials has been at work for months upon the details involved in the change of designs and the suggested reduction in the size of the paper currency. however, the department recognizes that public convenience is more or less involved in a system to which most of the cash drawers and pocketbooks of the country have been adapted, it is disposed to welcome criticisms and suggestions from bankers and business men before attempting any radical change.

Condition of the Crops.

The newly issued Bulletin of the Census and Statistics Office says that the reports on field crops at the end of August are more certain than

at the end of July, and that the situation during the month has improved. In the older provinces the grains have matured well and have been harvested and saved in fine condition. The estimate for wheat, oats and barley is 445,420,000 bushels,



which is 129,188,000 bushels less than the final estimate for last year. Spring wheat is less by 45,608,000 bushels, oats by 70,219,000 bushels and barley by 16,010,000 bushels; but fall wheat shows an increase of 1,649,000 bushels. The eastern provinces show gains in each one of these The increase of wheat there is 3,633,000 crops. bushels, of oats 23,219,000 bushels and of barley 625,000 bushels. The loss in the western provinces, exclusive of British Columbia, is a result of the great-drouth of July, which reduced the area harvested by 22 per cent. for wheat, by 24 per cent. for oats and by 31.5 per cent. for barley. The estimated production of wheat for the whole of Canada is 122,785,000 bushels, of oats 283,-247,000 bushels and of barley 39,388,000 bushels, as compared with 166,744,000 bushels wheat, 353,-466,000 bushels oats and 55,398,000 bushels barley in the final estimate for last year. The estimate for Manitoba, Saskatchewan and Alberta is 90,-800,000 bushels wheat, 92,201,000 bushels oats and 14,723,000 bushels barley, being an average of 11.89 bushels for wheat, of 20.96 bushels for oats and of 14.49 bushels for barley on the area sown, but of 15.24 bushels wheat, 27.91 bushels oats and 21.22 bushels barley on the area reaped. Compared with the same period last year for the Dominion the average condition of spring wheat on August 31, was 79.05 to 84.30, of oats 80.03 to 84.89 and of barley 80.51 to 83.54; but compared with the condition at the end of July it was 79.05 to 77.05 for spring wheat, 80.03 to 70.57 for oats and 80.51 to 70.62 for barley. Peas, beans, buckwheat, mixed grains, flax, corn for fodder, potatoes and alfalfa have declined in condition, but peas, mixed grains and flax only appreciably; whilst corn for husking, turnips, mangolds, carrots, sugar beets and pasture have improved.

National Life Underwriters' Convention.

The annual convention of the National Association of Life Underwriters held at Detroit, Michigan, contained several features of particular interest to Can-

adians. On the closing day a particularly informing paper, to which we may subsequently refer at greater length, was read by Sir George Ross, president of the Manufacturers' Life, of Toronto, on the subject of recent Canadian insurance legislation. Sir George pointed out that the power to do business under a Federal charter greatly simplifies the work of insurance, relieves it from the interference of local legislation, and gives it greater continuity and stability of power. He considered that it must be very embarrassing to managers and directors that in the United States, insurance companies are subject to as many different laws and regulations as there are States in the Union. With regard to the essentials of policies he pointed out that while policyholders are fully protected as to their interests, Canadian insurance companies are not hampered as to the clauses or forms of insurance they may offer to the public providing there is nothing repugnant in such form of insurance to statutory conditions. We have escap-ed, Sir George remarked, from the Proscrustian bed of a Standard Policy and are not disposed to quarrel with the reasonable conditions now imposed upon us. Summing up at the close of his address, he said : - "Some of the amendments made to the Canadian Act were suggested by the Armstrong

Act of New York; some by the acts in force in other States. The Insurance Companies of Canada considered that the Armstrong Act interfered unnecessarily with directors and agents and imposed upon companies many unreasonable conditions not required in the public interest. The Canadian companies, while willing to submit to legislation which would protect the public objected strongly, and in the main successfully, to be regarded as unworthy of being entrusted with the management of a business which they had themselves created and which their clients were willing to confide to their keeping. And so I think we have escaped from that degree of legislative bondage which threatened us three years ago and which would have made the business of Life Insurance as irksome as a ball and chain to the occupants of a public reformatory." Another address at the convention was given by Mr. T. B. Par-kinson, of London, Ont., his subject being "How to best improve our service to policy-holders." "If," he said, "we are going to improve our service to policyholders we must realize more fully that we represent life insurance companies and not banking institutions; we too often over-look this fact. The protection of the home and estate against pecuniary loss through untimely death of the insured, by providing funds for the continuance of the former and safeguarding the latter against financial loss, is more in harmony with the principles of life insurance than the overrated investment feature too often made prominent in the selling of a life insurance policy.

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Affairs in London.

(From our own Correspondent.)

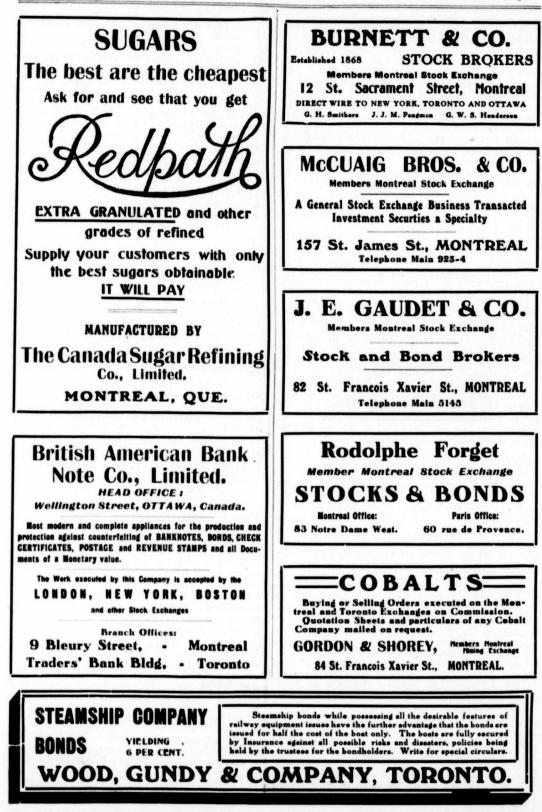
Consols and the Flow of British Capital Abroad—A Bank Amalgamation Frustrated—Barclay's Merging with Union of London—New Form of Railway Co-operation—Disappearance of the Timber Boom —Insurance News.

The persistent depreciation of Government securities is becoming very serious. Bankers, mak-ing up their annual balance sheets at the end of the September quarter, will find it necessary to write down their holdings of Consols and other giltedged securities to record low figures. At one time, when interest was paid in January and July and at other dividend dates, the money flowed back for investment in the Consol market, but for some time past this return of interest money to the Stock Exchange has been noticeably absent. Whether it means that investors require the money for current expenditure owing to the increased standard of living or whether it is sent abroad for investment owing to the Chancellor of the Exchequer's policy of penalising capital, it is difficult to say. Most people suspect the latter to be the true reason.

Opposition to Bank Amalgamation.

The latest proposal to amalgamate Parr's Bank and the Lancashire and Yorkshire Bank, to which I referred in my last letter, has aroused a storm of opposition among the customers of the latter bonk, and the northern papers are full of letters of protest. The view is taken that the customers 1358

THE CHRONICLE.



of the Lancashire bank will suffer in their relations with the bank by being subject to obtaining advances to the approval of the London directors, who, they assert, have no knowledge of Lancashire conditions or personal knowledge of the customers. The share holding of the directors and their friends is so large that the opposition to the amalgamation will possibly not be effective, but the claims of the customers of the Lancashire and Yorkshire Bank and traders are being put forward so vigorously that it is probable Parr's will agree to the appointment of a very strong and representative local board of directors. The customers of banks are in a stronger position in opposing an amalgamation than the customers of railways, since they can transfer their business to another bank whereas this is not often possible in the case of railways.

[Since our correspondent write the directors of the Lancashire & Yorkshire Bank have deferred to the protests of customers, cancelling, with the concurrence of Parr's Bank, the provisional agreement between the two banks and the suggested amalgamation will not take place.—Ed.]

Union Bank of England.

Before many weeks are over we may expect to hear the announcement of the amalgamation of the Union of London & Smiths Bank—of which Sir Felix Schuster is chairman—and the old-established bank of Barclay & Co. The latter bank has a large connection in the Eastern counties, being itself an amalgamation of many old-established private banks, and having nearly 500 branches. The amalgamation with the Union will make these banks the most powerful in the country. The new title will probably be the Union Bank of England.

Capitalisation of J. & P. Coats' Reserve.

Although only the usual quarterly dividend has been paid by J. & P. Coats, Limited, there is a growing belief that an announcement may be expected shortly respecting the capitalization of the reserve fund in the form of a special distribution on the ordinary shares. If there were not adequate grounds for this belief the shares must be regarded as much over-valued for they stand at a price at which they yield little more than Consols. Whether the preferred ordinary shareholders would benefit from this distribution is open to question and raises intricate legal points upon which the directors will doubtless take counsel's opinion.

New Form of Railway Co-operation.

The new spirit of co-operation which has been manifest in railway circles for some time past is again exemplified in the temporary exchange of locomotives now taking place between the London & North Western and Great Western Railways. Each company has lent the other, one of its fastest and most powerful engines which is now engaged in hauling some of the fastest expresses on the line of the borrower. The results achieved will, of course, be of interest only to the technical departments of the railway companies themselves, but it indicates a friendly co-operation which may ultimately lead to further steps towards economy. At the present time certain trains run over several companies' lines, but all rolling stock of one com-

pany does not pass over the others' system. When it is desired to send rolling stock over another line the requisite notice has to be given, and the rolling stock passed. Generally speaking all rolling stock should be able to pass with safety over other lines, but in practice this is not so. For example, the length of carriages is such that in passing other carriages of great length on a curve, it is possible that the margin would be insufficient to allow for oscillation. The Railway Gazette has an interesting article on this subject this week, urging that there should be a standard measurement with respect to the exterior of all railway carriages, leaving only the interior to be fitted up according to the taste and requirements of the respective companies. It is not difficult to foresee the immense saving which would accrue to the railway companies by the mutual establishment of co-operative workshops for the making of rolling stock. This is one of the great arguments of those in favour of railway nationalization and the adoption of it by the companies would immediately cut the ground from under the feet of railway nationalists.

Disappearance of the Timber Boom.

A few months ago we heard a great deal about a great boom in timber, but after an unsuccessful attempt to float two companies, the boom appears to have suddenly collapsed, as we anticipated at the time, would be the case. I had occasion recently to make inquiries as to the conditions ruling in the timber trade, and I was informed that the position is far from satisfactory. It is true that prices are not so bad as they were earlier in the year and much of the rate-cutting has been dropped. On the other hand, the building trade is in such a stagnant condition, owing to the over-building of the country, that it really requires a further six months' to absorb the surplus at present existing in the timber market.

Midland Insurance Company.

This company is carrying out a big and drastic scheme of reorganization and expansion. The capital is to be increased, the title changed, and the head offices removed from Birmingham to London. The company proposes to make a big bid for textile trade business, and contracts have been secured which will provide for a considerable immediate increase in the revenue of the company. New directors will join the board, and certain of the original directors are retiring and becoming members of local boards which are to be established.

Northern Equitable Insurance Company.

Although only established three years ago this company appears already to have attracted considerable business and the annual report just issued shows a net premium income of $\pounds 75,823$. The balance at credit of the revenue account is $\pounds 25,422$. The directors are acting wisely in not paying any dividend, but are writing off the whole of the preliminary expenses, the whole of the organization and development expenses, and 10 per cent. of the furniture account, which will absorb a sum of $\pounds 3,873$.

LONDONER.

London, 3rd September, 1910.

THE CHRONICLE.

THE LIFE AGENTS' MANUAL THIRTEENTH EDITION.

CONTENTS.

PREMIUM RATES of all the Life Companies actively transacting business in Canada, and explanations of their Policies.

CONDITIONS OF POLICIES

As to Days of Grace, Loans, Cash Surrender Values, Paid-Up Policies, Extended Insurance, - Automatic Non-Forfeiture, Voidance of Policy, Indisputability, Revival, etc.

RESERVE VALUES

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TABLES

Of Interest and Discount, Expectation of Life, Annuity Values, Net Single Premiums, etc.

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THE CHRONICLE, 160 ST. JAMES Street, MONTREAL.

From Western Fields.

Harvest Problems—Favourable Thrashing Returns— New Railway for Alberta—Canadian Northern Balked.

Reports from Winnipeg show that unusually heavy rains have seriously interfered with harvesting and thrashing operations in the West since the beginning of the month, and the farmers have been able to make little progress. By far the greater part of the wheat and a large proportion of the coarse grains are already in stook, so that the question is not so much one of saving the harvest, but rather of saving it easily and quickly. The problem of taking off a wheat crop amounting to 100,000,000 bushels or more is serious enough when all the conditions are favourable. A few days' delay in September, when the supply of help is most plentiful, may prove to be a serious drawback before the close of the agricultural season. It is necessary to pay the harvesters in order to hold them to their work, and paying for wet days naturally has a tendency to make a big breach in the farmer's profits. In a season like the present he is concerned about taking off the harvest with the least possible outlay for manual assistance, and he cannot afford to have many rainy days in his schedule. There is also the consideration that delay is dangerous in connection with the grain that is still uncut.

Thrashing returns continue to bear out the impression that the wheat crop made a great stride towards recovery in the latter part of July. Even in southern Alberta, where the situation was thought to be almost hopeless, there are some fine yields, which will serve to bring up the average and minimize the loss from the year's operations.

New Railway in Alberta.

New York capitalists are said to be at the back of a big scheme for a line of railway which will traverse the entire length of Alberta from the international boundary to Peace River landing, a distance of over 700 miles, and which will connect up with the Hill system in Montana. Plans for the first hundred miles have been approved and construction has already begun. The company, which is to be known as the Pincher Creek, Cardstan and Montana Railway, will apply at the coming session of the legislature for an extension of charter which will permit them to construct a main line through Alberta by way of Calgary and Edmonton into the Peace River country. There will also be a branch into Kootenay to tap the coal fields which it is understood the company has secured.

Canadian Northern Balked.

The Canadian Northern Railway is again balked in its efforts to locate its line west from Edmonton towards Yellowhead Pass. Plans for the line from St. Albert west have been disapproved by the Railway Commission at Ottawa, on the ground that the route proposed is too close to that of the Grand Trunk Pacifie. The engineers first endeavored to run farther north, but could not do so on account of the hilly nature of the country. Unless the C. N. R. can convince the Railway Commission of the necessity for running parallel to the G. T. P., material change in the plans will be required.

Financial and General.

MESSRS. G. A. STIMSON & COMPANY, of Toronto, have now completed the establishment of a branch in London, England.

THE LATEST MERGERS, regarding which rumours are in circulation, are in one case, cotton, and in the other, a number of the malleable casting companies of Ontario.

CANADIAN NORTHERN RAILWAY.— Mr. A. D. Mc-Rae, of the Canadian Northern Railway has announced in Vancouver that car building shops for the entire system, employing 5,000 men, will be erected at Port Mann, the company's terminal for its line in British Columbia.

MESSRS. WOOD, GUNDY & COMPANY have just purchased \$512,000, 4½ p.c. debentures of the City of Moose Jaw, Sask, of which \$495,000 mature at the end of 40 years. The bonds are issued for various civic improvements including waterworks, electric light and sewer extensions, hospital, market, fairgrounds, etc.

WE ARE INFORMED that the University of Cambridge (England), has acquired the copyright of the Encyclopedia Brittanica, and will publish at the University Press an entirely new (Eleventh) edition of this well-known work, in 28 volumes, about the end of this vear.

SHAWINIGAN POWER.—A circular has been issued to shareholders stating that they are entitled to subscribe on the basis of one share for each fourteen held to an additional issue of \$500,000 common stock to be made by the company at par. The intention of the directors to put the common stock on a 5 pc. basis from January 1 next is also stated.

SIR ROBERT PERKS informed an interviewer in Toronto this week that plans are being submitted to the Government for a drydock at Lévis, capable of accommodating the largest ocean-going steamships. The undertaking will be carried out by the Dominion Drydock Company, which comprises the Canadian Pacific Line, the White Star Line, the Allan Steamship Company, Harland & Wolff, of Belfast, and Davie Bros., of Quebec, under the bonus system provided in the subsidy act of last May. Under the act a subsidy of 3¹⁵ per cent. on the construction cost up to \$4,000,000 for a period of thirty-five years is guaranteed, and the work will be constructed to come within the \$4,000,000 mark.

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Insurance Items.

THE PACIFIC COAST FIRE INSURANCE COMPANY of Vancouver, B.C., will, it is stated, enter the United States field next year, when its paid-up capital will have reached \$1,000,000.

THE TWENTY-THIRD CONVENTION of the International Association of Accident Underwriters will be held at Mount Washington Hotel, Bretton Woods, N.H., on September 20, 21, 22 and 23.

NEW YORK PLATE GLASS UNDERWRITERS complain of the very high loss ratio this year.

..

Stock Exchange Notes

Montreal, September 15, 1910.

Montreal Power was the prominent leader in this week's sudden upturn, and advanced almost 15 points, closing strong at a net gain of over 11 points. The sales involved some 11,000 shares, out of which total over 6,700 shares changed hands to-day. Opening this morning at 136 it ran up to 145 1-4, reacting to 142 5-8 at the close. The developments in the tenders for the city lighting contract are looked on by the "Street" as favourable to Power and buying from a strong source has been in evidence. The whole market was broad and buoyant and good advances were scored. Shawinigan announces a new issue of \$500,000 at par and the stock sold up to 106 to-day. The purpose of the issue is stated as for capitalization of recent purpose of the issue is stated as for capitalization of recent purpose of the issue is stated as for capitalization of recent purpose of the issue is narious other companies. Dominion Steel Corporation. Quebec Railway, Shawinigan Power and "Soo" Common were all active and the Cement stocks, both Common and Preferred, figured prominently in the trading and closed at good gains in price. The transactions in Montreal Street involved only 23 shares, but the quotation has crept up a full to points to 244 bid. The market closed at a general decline from the highest, but at all round gains for the week. The Bank of England rate continues at 3 p.c.

MONEY AND EXCHANGE RATES.

	To-day.	A Year Ago.
Gall money in Montreal	517	4 %
Gall money in New York	11%	21%
Call money in London	1 %	1 %
Bank of England rate	3 %	21%
Consols	80 11-16	83 7-16
Demand Sterling	91	9.7
Birty days' sight Sterling	8 13-16	9 1-16

QUOTATIONS AT CONTINENTAL POINTS.

	To-d	av.	A Year Ago		
Deste	Market.	Bank.	Market.	Bank.	
Paris.	21	3	14	3	
Berlin	31	4	31	31	
Amsterdam	43	4	34	4	
Vienna	31	4	1 9-16	21	
Brussels	2 9-16	3	11	3	

SUMMARY OF WREE'S SALES AND QUOTATIONS.

SUMMART OF WI	EL B D	LES AND Q	COTATION	s .
Security.	Sales.	Closing bid. Sept. 8, 1910.	Closing bid. to-day.	Net change.
Canadian Pacific	750	188xd	1881 xd	+ 1
"Soo" Common	2,305	1284	132	+ 3
Detroit United	392	482	494	+ 1
Duluth Superior	325	78	78xd	+
Balifax Tram	17	123	••	
Illinois Preferred	146	901	89xd	+ 1
Montreal Street	23	233	243	+ 10
Quebec Ry	5,341	421	44	+ 1
1 oronto Railway	662		1211 xd	+ 5
Twin City	587	109	109 xd	+ 2
Richelien & Ontario	695	89	89	
Amal. Asbestos	20			
Amal. Asbestos Pref	2		70	
Black Lake Asbestos	260	24	253	+ 11
Black Lake Prefd	1			
Can. Cement Com	1799	172	201	+ 2
Can. Cement Pfd	1740	801	841	+ 4
Can. Con. Rubber Com	1	94	931	
Can. Con. Rubber Pfd			105	-
Dom. Iron Preferred	547	1041	1061	+ 2
Dom. Iron Bonds		96	951	
Dom. Steel Corpn	5,457	611	64	+ 2
Lake of the Woods Com.	112	1254	128	+ 2
Mackay Common		901	88xd	- i'
Mackay Preferred	2	74	xd	
Mexican Power	160	83	85	+ 2
Montreal Power	11,194	1301	1424	+ 111
Nova Scotia Steel Com		834	844	+ 11
Ogilvie Com	91	1264	127	+ 1
Rio Light and Power	719	95	974	+ 2
Shawinigan		991	103	+ 4
Can. Colored Cotton				_
Can. Convertors			38	+ 3
Dom, Textile Com		621	631 xd	+ 2
Dom. Textile Preferred .		97	98	+ +
Montreal Cotton			125	
Permans Common		58	58	
Penmans Preferred		81	84	+ 3
Crown Reserve		2.79	2.80	+ 1

Bank Statements.

BANK OF ENGLAND.

.

	Yesterday	September 8, 1910	September 16, 1909
Coin & Bullion	\$39,708,972	£39,441,032	£38,829,125
Reserve	30,505,000	29,658 000	29,740 941
Notes res'd	29,036.000	28,388 000	28,257,740
Res, to liab	534	52.06	521
Circulation	27,654,000	28,203,000	29,021,385
Public Dep	13.326,000	17,862 000	8,210,382
Other Dep	43,848,000	40,148,000	47,482,207
Gov. secur's .	15,629,000	15,874,000	15,329,192
Other secur's	29,200,00	29,705,000	28,896,006
NE	W YORK A	SSOCIATED B	ANKS
	Sept. 10, 1910	September 3, 1909	September 11, 1909
Loans.	\$1,261,101,000	\$1,258,191,600	\$1,350,178,100
Deposits	1,272,758,100	1 275,551,500	1,390,045,500
Circulation	44,875,400	44,378,200	51,830,200
Specie	278,329,400	283,022,500	285,201,000
Legal Tenders	67,929,500	67,723,600	72,558,200
	\$346,258 900	\$350,746,100	\$357,759,200
		\$350,745,100 318,887,875	\$357,759,200 347,511,375
Total Reserves Reserves Req'd. Surplus Ratio of R'serv's	\$346,258 900		

NOTE.—Actual amount of povernment deposits reported was \$1,643,400, against \$1,667,760 last week.

CANADIAN BANK CLEARINGS.

	Week ending	Week ending	Week ending	Week ending
	Sept. 15, 1910	Sept. 8, 1910	Sept. 16, 1909	Sept. 17, 1908
Montreal	\$38,547,883	\$34,982,782	\$31,661,072	\$30,796,369
Toronto	31,018,925	24,751,708	26,384,095	24,760,742
Ottawa	3,667,320	4,000,911	3,583,846	3,042,659

NOTE .- Last week was of five days only.

Traffic Earnings.

CANADIAN PACIFIC RAILWAY.

	CANADIAN	PACIFIC RAI	LWAY.	
Year to date.	1908.	1909.	1910.	Increase
Aug. 31	42.484.000	\$49,074,000	\$61,522,000	12.448.000
Week ending.	1908.	1909.	1910	Increase
Sept. 7	1,301,000	1,664,000	1,958,000	294,000
Sepa minim		RUNE RAIL		
Year to date.	1908.	1909.	1910.	Increase
Aug. 31\$			\$28,241,182	\$2,644 646
Week ending.	1908.	1909.	1910.	Increase
Sept. 7	821,062	939,143	969,494	30,351
		ORTHERN RA		
Year to date.	1908.	1909.	1910.	Increase
	5,180,400	15,684,800	\$8,348,900	\$2,665,100
Week ending.	1908.	1909.	1910.	Increase
Sept. 7	175,300	190,400	286,500	96,100
			TIC RAILWA	
Week ending.	1909.	1909.	1910.	Increase
	56.482	77.470		
	53,372	72,309	81,698	9,389
	51.574	68,595	76,716	8,121
	73,345	90,002		
TWIN			CONPANY.	
Year to date.	1908.	1909.	1910.	Incre-pe
Aug. 31 \$	4,138,745	\$4,485,380	84,873,696	388,416
Week ending.	1908.	1909.	1910.	Increase
Aug. 7	132,633	143,073	147,846	4,773
" 14	126,282	142,117	148,955	6,838
" 21	129,305	145,089	151,261	6,172
" 31	199,014	203,931	205,293	1,362
Sept. 7	178,025	159,820	186,767	26,947
		NITED HAIL		
Week ending.	190*.	1909.	1910.	Incresse
Ang. 7	148,167	174,112		
" 14	147,251	169,896		
" 21	143,204	170,492	192,163	21,671
" 31	212,558	242,312	266,423	24,111
HALIF		o TRANWAY Ay Receipts.	COMPANY.	
Week ending.	1908.	1909.	1910.	Increase
Sept. 7	7,035	4,720	5,365	645
		TRIO RAIL		
Week ending	VANA BLOC	1909.	1910.	Increase
Sept. 4		42,430	44,807	2,377
				.,
	DULUTH-SU	PERIOR TRA		1
Week ending		1909	1910	Increase
Sept. 7		21,608	23,172	1,564

This, they say, is not due so much to increased breakage as to the much higher cost of replacements. The premium rates have in nowise responded to the advance in the price of glass.

PROTECTORATE LIFE ASSURANCE COMPANY OF CANADA.—This company has been incorporated by Act of Parliament to carry on life insurance in all its forms and branches. The capital stock is \$1,000,000, divided into 10,000 shares of \$100 each and it is proposed to sell the stock at a premium of \$25 per share payable \$20 on application and \$15 within two months from the date of application. The head office of the company is at Ottawa and the provisional directors are Mr. George S. May, manufacturer; Mr. Charles Hopewell, contractor, and Mayor of Ottawa; Mr. Albert Allard, M.P., wholesale grocer; Mr. James W. Fitzpatrick, financier; Mr. George T. Brown, insurance broker; Mr. O. C. Culbert and Mr. Ogle Carss, barristers.

LIFE UNDERWRITERS' ASSOCIATION OF CANADA. —The following is a complete list of the new officers elected at last week's Toronto convention : Hon. President, E. R. Machum, St. John, N.B.; President, Wm. McBride, Winnipeg; 1st Vice-President, A. Homer Vipond, Montreal; 2nd Vice-President, J. A. Tory, Toronto; Secretary, T. R. Parkinson, London, Ont.; Treasurer, F. T. Stanford, Toronto; Chairman of Executive, H. C. Cox, Toronto; Members for N.A.L.U., E. R. Machum, St. John, N.B., T. G. McConkey, Toronto; Executive Committee, Grey and Bruce, Ont., John McTavish; Windsor, Ont., I. O. Peck; B. C., Stanley Henderson; Montreal, Que, G. E. Williams; Algoma, Ont., G. E. W. Tiegler; Manitoba, E. S. Miller; Alberta, R. A. Darker; Brandon, Man., C. M. Twiss; Waterloo County, Ont., G. A. Miller; Ottawa, Ont., J. R. Reid; P.E.I., J. O. Hyndman or W. K. Rogers; Bay of Quinte, Ont., S. Burrows; New Brunswick, F. S. Bonnell; Huron, Ont., A. Waddell; Saskatchewan, J. H. H. Young; Hamilton, Ont., C. B. Linton; Thunder Bay, Ont., G. P. Ames; Guelph, Ont., G. Powell Hamilton; Ouebec, Ont., J. L. Lachance; Central Ontario, D. H. Moore; Kingston, Ont., S. Roughton; London, Ont., T. B. Parkinson; Nova Scotia, H. B. Evans; Brantford, Ont., John Burbank; Eastern Townships, Que, T. J. Parkes; Toronto, Ont., J. A. Tory; Sydney, C.B., E. C. Hanrahan. A prizewinner was Mr. J. E. Matthews, of Charlottetown, P.E.I., who secured a medal given by Mr. E. R. Machum for an essay on "the relation of life insurance to Society and State." The silver cup presented by Mr. J. O. McCarthy to the association showing the largest attendance at the convention was won by London, Ont., Montreal being second.

Personals

MR. W. B. LITTLEJOHN, western manager of the North British & Mercantile, at Chicago for over 16 years, is retiring shortly. The company has decided to transfer the western department from Chicago to its office in New York, but will maintain a permanent Chicago office.

THE HON. MACKENZIE KING has been appointed a vice-president of the International Permanent Committee on Social and Industrial Insurance, which has recently been meeting at The Hague. It will meet next in the United States in 1913.

Among those attending the convention of the National Association of Life Underwriters at Detroit, Michigan, were Mr. G. H. Allen, Montreal, Travellers Life; Mr. C. E. Barnett, Toronto, Canada Life; Mr. H. C. Cox, Toronto, Canada Life; Mr. W. D. Johnson, Toronto, Ætna Life; Mr. William McBride, of Winnipeg, president of the Life Underwriters' Association of Canada, was elected third vice-president of the National Association.

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THE FIRE RECORD.

COMPTON, QUE.-Oriental Hotel burned to the ground, September 9.

HAZLEMERE, B.C.—Several houses and much stock, destroyed in bush fires

VANCOUVER, B.C. – White Rock, a village near New Westminster wiped out, September 13. Stock lost by ranchers.

SANDWICH, ONT.—Club house of the Fighting Island Gun Club destroyed, September 12. Estimated loss, \$3,500.

TORONTO.—One storey frame building at 222 King Street East, occupied as barber shop, by C. W. Walker, gutted, September 14.

COMO, QUE.—Hodgson Saw Mills almost a total loss, September 14. 400,000 feet of lumber destroyed. Loss heavy, small insurance.

COMBER, ONT.—Lumber and stave mills of J. S. Ainslie & Brothers, destroyed, September 11. Loss placed at over \$6,000 with, it is said, no insurance.

MIDLAND, ONT.—South side of cast house building of Midland Engine Works Co. and contents badly damaged, September 8. Estimated damage \$2,000.

ST. JOHN, N.B.—Round house of Central Railway at Minto, destroyed, September 14, with two locomotives and a flat car which were inside the building.

PRINCETON, ONT. – Unoccupied building owned by W. H. Wells, and residence of Mr. and Mrs. Cheesewright, destroyed, and Bank of Hamilton building damaged, September 8. Estimated damage, to Wells' property, \$1,200 with no insurance; Cheesewright property, \$1,100 covered by insurance; Bank of Hamilton, \$2,500 covered by insurance. Incendiarism is supposed.

MONTREAL.—Interior of residence of Joseph Rivet, 324 Ontario Street, Maisonneuve, gutted, September 11. Fire in stable of O. Donahue at rear of 052 Lagauchetiere Street, September 13, caused death of horse and destroyed a quantity of hay, etc.; fire in cellar of J. Eveleigh & Co., 245 St. James Street, caused considerable damage by water and smoke; paints and oils establishment of McArthur, Corneille & Co., running through from St. Paul to Commissioners Streets, badly damaged, September 16.

WANTED — Chief Clerk for well-known Fire Insurance Office. Must be competent to take entire charge of office. Experience, particularly with Montreal business, absolutely necessary. Applications confidential if desired. Address with full particulars,

INSURANCE, P. O. Box 578, MONTREAL

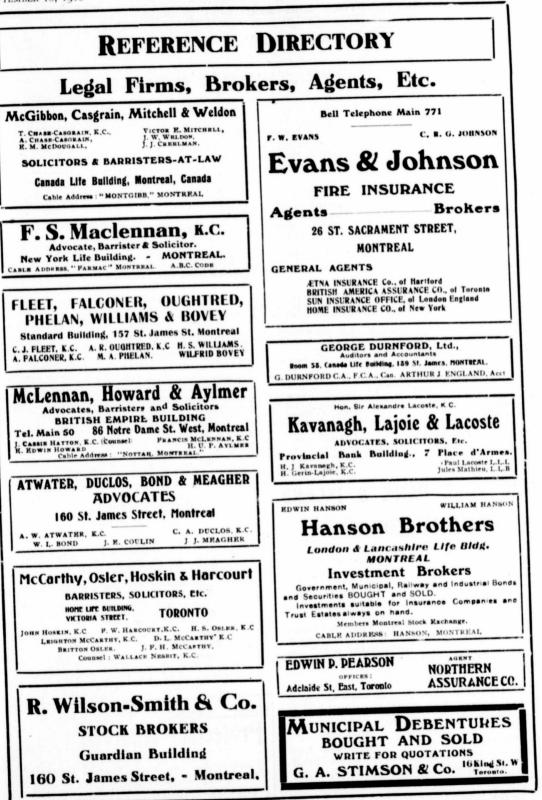
List of Leading Stocks and Bonds REPORTED FOR THE CHRONICLE BY R. WILSON-SMITH & CO., 160 ST. JAMES STREET, MONTREAL. CORRECTED TO THURSDAY, SEPT. 1516, 1910

BANK STOCKS.	Closing prices or Last sale,	Par value of one share.	Return Per cent. on investment at present prices.	Annual	Capital subscribed	Capital paid up	Rest Fund	Per cent'ge of Rest to paid up Capital	When Dividend payable.
British North America Anadian Bank of Commerce tominion Sastern Townships XD	Asked, Bid 201 	243 50 50 100	Per Cent. 4 47 4 93	7 9 12 8	\$ 4.856,606 10,000,000 4,000,000 3,000 000	\$ 4.866,666 10,000,000 4,000,010 3,000,000	2,530,666 6,000,000 5 007,000 2,100,000	125.00 70.00	April, October, March June, Sept., Dec. Jan., April, July, October Jan., April, July, October
Farmers Mamilton Hochelaga Home Bank of Canada Imperial La Banque Nationale.	1.5 148	100 100 100 100 100 30	•5 51	4 10 8 6 11 7	969,500 2,702,600 2,500,000 1,222,400 5,619,700 2,000,000	567,579 2,620,355 2,500,000 1,126,535 5,384,2*9 2,000,000	2,620,335 2,300,000 375,000 5 384,259 1,200,000	92.00 33.29 100.00	March, June, Sept., Dec. March, June, Sept., Dec. March, June, Sept., Dec. Feb., May, August, Nov. Feb., May, August, Nov.
Merchants Bank of Cang la Metropolitan Bank Molsons	185 210 252 251 275 270	100 100 100 100	4 76 3 96 4 72	9 8 10 10 13	6,003,000 1.000,000 8,500,000 14,400,900 774,000	6,000,000 1,000,000 3,500,000 14,400,000 773,780	4 500 000 1 000 000 3,850, 00 12,000 000 1,378,975	75,00 100.00 110,00 83,33	March, June, Sept., Dec. Jan., April, July, October Jan., April, July, October March, June, Sept., Dec. Jan., April, July, October
Northern Cröwn Bank		100	5 23 5 60	5 12 11 5 7	2,207,500 3,000,000 3,464,700 1,000,075 2,500,000	2,203,190 3,000,000 3,419,420 1,000,000 2,500,000	100,000 5,500,000 3,449,420 350,000 1,250,000	35.00	January, July. Jan., April, July, October March, June, Sept., Dec. Jan., April, July, October March, June, Sept., Dec.
Royal XD standard Stering, Foronto		50 100	4 69	11 12 5 10	5,000,000 2,000,000 973,900 4,000,000	924,205	5,700,000 2,4^0.000 281,616 4,750,000	120.00 30.34 118.75	Jan., April, July, October Feb., May, Aug. November Feb., May, August, Nov. March, June, Sept., Dec.
Traders XD Union Bank of Halifay Union Bank of Canad United Empire Bank	144	50 1 10	5 50 4 86	8 8 7 5	4,367,500 1,500,000 3,244,800 649,400	4,354,500 1,500,000 8,244,800 567,579	2,200,000 1.250,000 1,900,000 67,579	83.33 58,55	Jan., April, July, Octob Feb., May, August, Nov. March, June, Sept., Dec.
MISCELLANEOUS STOCKS. Amal. Asbestos Com do Pref Bell Telephone Black Lake Asb. Com do Pref	14	100	9 33 5 63	7 8 7	8,124,500 1,875,0°0 12,5°0,000 2,999,400 1,000,000				Jan., April, July, October Jan., April, July, October
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		100 100 100	7 77 4 29		635,0°0 635,000 1,511,400 2,700,000 145,016,000	635,000 1.511,400 2,700,000	·····		Cumulative. do March, June, Sept., Dec. April, October.
Can. Coment Com. Do. Pfd. do Pref. Canadian Converters Cranadian Converters Destroit Electric Ry Doministon Coal Preferred	85 86 93 10 40 25 2.50 2.7 50 43	100 100 100 100	4 28 6 66 6 60	+ 	10,500,000 13,500,000 2,000,000 1,733,500 1,939,957 12,500,000 3,000,000	13,500,010 2,805,000 1,930,000 1,738,000 1,999,957 12,500,000			Jan., April, July, Octobe, Jan., April, July, Octobe February, August.
Dominion Textile Co. Com XD do Pfd Dom. Iron & Steel Pfd Dominion Steel Corpn	218-5 58	8 100 64 100	7 81 7 00 6 5 1	5 7 7	5.000,000 1,858,088 5,000,000 35,000,000	1,858,088			Jan., April, July, Octobe Jan., April. July, Octobe Cum.
Duluth Superior Trac		. 100 100 100	5 06	4 7 1 6 6	3,500,000 1,350,000 7,500,000 5,000,000 5,000,000 5,0 0,000	3,500,000 1,350,000 7,500,000 5,000,000			Jan., April, July, October Jan., April, July, October Initial Div. Jan., April, July, October Jan., April, July, October
Laurentide Paper Com do Pfd. Lake of the Woods Mill Co. Com do do Pfd. Mackay Companies ComXD	124 12	7 100 7 100	4 76 6 29 5 64 5 53	77875	1,600,000 1,200,000 2,000,000 1,500,000 43,437,200	2,000,000			March, June, Sept., Dec. Jan., April, July, Octobe
do Pfd XD Mexican Light & Power Co Minn, St. Paul & S.S.M. Com do Pfd Montreal Cotton Co	76 86) 8 1334 13	3 110	5 24 4 65 5 25		50,000,000 13,585,00 20,832,000 19,416,000 3,000,000	50,000,000 13,585,0*0 16,800,0*0 8,400,000			April, October. April, October.
Montreal Light, Ht. & Pwr. Co Montreal Steel Works.Com do do Pfd Montreal Street Eailway Montreal Telegraph	250 24	6 100 . 100 4 100	4 83 5 83 4 00 5 16	7 7 10 8	17,000,000 700,000 800,000 9,000,000 2,000,000	17,000,000 700,000 800,000 9,000,000			Feb., May, August, Nov. January, July. Jan., April, July, Octobe
Northern Ohio Track Co	1810 - 18 122	100 100 100 1100	4 72 6 55 6 20	24.88	7,900,000 5,000,000 2,000,000 2,500,000	7,900,000 4,987,600 1,030,000 2,500,000			March, June, Sept., Dec. Jan., April, July, Octobe
ao Pfd. ionman's Ltd. Com do Pref Quebec Ry. L. & r'. Richelleu & Ont. Nav. Co. Kio de Janiero.	50 (44) 4 89) 8	48 100 11 100 141 95 100 	6 78 7 40 5 57 4 44	7 4 6 5 4	2,000,000 2,150,600 1,075,000 9,500,000 3,1 2,000 25,000,000	2,150,600 1,075,000 9,700,000 3,132,000 25,000,900			Feb. May, August, Nov. Feb. May, August, Nov. Marcn, June, Sept., Dec.
Shawinighan Water & Power Co	i titi ti	100 11 100 100	3 79	4 7 6 6	6,500,000 13,875,000 8,000 00 2,600,000 20,100,000	6,500,000 12,000,000 8,000,000 2,600,000			Jan., April, July, Octobe Jan., April, July, Octobe Jan., April, July, Octobe
do Freferred. Windsor Hotel. Winnipeg Electric Railway Co		100	****	7 10 10	3,000,00 1,001,00 6,000,00	0 3,000,000 1,000.000			Jan., April, July, Octobe

SEPTEMBER 16, 1910

THE CHRONICLE.

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THE CHRONICLE

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Quot	ations	int- creat	A mount outstanding.	When Interest due,	Where Interest payable.	Date of Maturity.	REMARKS.
	Bid.						
	 98	5 6				April 1st, 1925 Oct. 1st, 1946	Redeemable at 110 after Oct. 1st, 1911.
		6	2,000,000	2nd Apl.+2nd Oct		April 2nd, 1912	
	961	64				Oct. 21st, 1929	Redeemable at 110.
							Redeemable at 105 and
96	95	5	7,674,000	let Jan. let July.	Bk. of Montreal, Mtl	July 1st, 1929	Int after May 1st, 1910
97 <u>1</u>	 953	6 6					\$250,000 Redeemable Redeemable at 110 and Interest.
		6	1,162,000	**			Redeemable at par
96	957	6				"	after 5 years. Redeemable at 105 and Interest.
			450,000			"	
		5	8,311,561	let Feb. let Aug.	52 Broadway, N.Y	Feb. 1st, 1952	Redeemable at 105
	99	5	600,000	lst Jan. 1st July	Bk. of Montreal, Mtl.	Jan. 1st, 1916	
103		6	750,000	1st March 1 Sept.	Royal Trust, Mtl	Sept. 1st, 1916	Redeemable at 110
111		6	1,000,000	let June 1st Dec.	Merchants Bank of	June lat. 1923	
	100	6	1,036,000	2 Jan. 2 July.			
		5	6,000,000	1st Jan. 1st July.		July 1st, 1935	
891	86	5				Feb. 1st, 1933	
••	991	43	5,476,000	let Jan. let July.		Jan. 1st, 1932	Redeemable at 105 and Int. after 1912.
	101	41	1 500 000	lat Max lat Nov		Max 1st 1999	Int. alter 1912.
			2,282,000	1 Jan. 1 July.)	U.B. of Halifax or B.	July 1st, 1931	Redeemable at 110 aud
		-			of N.S. Mtl.or Toronto.		Interest.
		6	1,470,000	1 Jan. 1 July.)		July 1st, 1931	Redeemable at 115and Int. after 1912.
113		6	1,000,000	lst June 1st Dec.	Bk. of Montreal, Mtl.	July 1st, 1932	Redeemable at 105 and Interest.
105		6	1.000.000	lat June 1st Dec.		June 1st. 1925	interest.
	811						
		5					
		5	23,284,000	i Jan. 1 July.		Jan. 1st, 1935	
			6 000 000	Line I Des		fune lat 1990	
••	••	•					
1		5			do.	Jan. 1st. 1973	
	Quot AA 4 984 991 974 985 9974 97774 9774 9774 9774 9774 9774 977	aa. 4 ma. 984 985 994 975 966 976 953 974 953 975 96 953 96 953 1034 1111 100 87 994 101 1134 1034 101 1134	Closing Quotation Pate Internation Internatio Internatio Internation Internation Internatio Internation Intern	Closing Quotations inti- intintinti- inti- inti- inti- inti- inti- inti- inti- inti-	Closing Quotations int int int int int int int int int int	Closing Quotations Amount entrianding Amount distanding When Interest dise. Where Interest payable. 1 1 5 \$3,363,000 lat Oct. lat Apl. Bk. of Montreal, Mtl 984 98 6 2,600,000 lat Apl. lat Oct. lat Apl. Bk. of Montreal, Mtl 994 6 2,000,000 lat Apl. lst Oct. """"""""""""""""""""""""""""""""""""	Citoting (avoid tion (avoid tion (avoid tion)) Amonnt (avoid tion) (avoid tion) (a

STOCK AND BOND LIST Continued

MONTREAL PARK & ISLAND RAILWAY COMPANY

LACHINE-From Post Office, 20 .nin. service; 5,40 a.m. to midnight. From Lachine. --20 min. service; [5.10 a.m. to 12.45 midnight.

SAULT-AU-RECOLLET & ST. VINCENT DE PAUL. — 20 min. service; St. Denis Street, from 5.00 a.m., and from St. Vincent from 5.30 a.m.; 30 min. service from 9.30 a.m. to 4 00 p.m.; 20 min. service, 4 00 p.m. to 8 30 p.m.; 30 min. service, 8.30 p.m. to 11 30 p.m. Last car from St. Vincent de Paul at 12 00 p.m. from Sault-au-Recollet at 1 00 a.m., from St. Denis Street at 12.40 midnight.

MOUNTAIN.—From Mount Royal Avenue, 20 min. service; 5 40 a.m. to 11 40 p.m. From Victoria Avenue, Westmount, 20 min service; 5 00 a.m. to 11.50 p.m.

CARTIERVILLE.--40 min. direct service from Mount Royal and Park Avenue Station, 5.40 a.m. to 11.40 p.m. From Cartierville, 5.40 a.m. to 11.40 p.m.; 40 min. from Victoria Avenue, with change at Snowdon from 5.50 a.m. to 11.50 p. m.

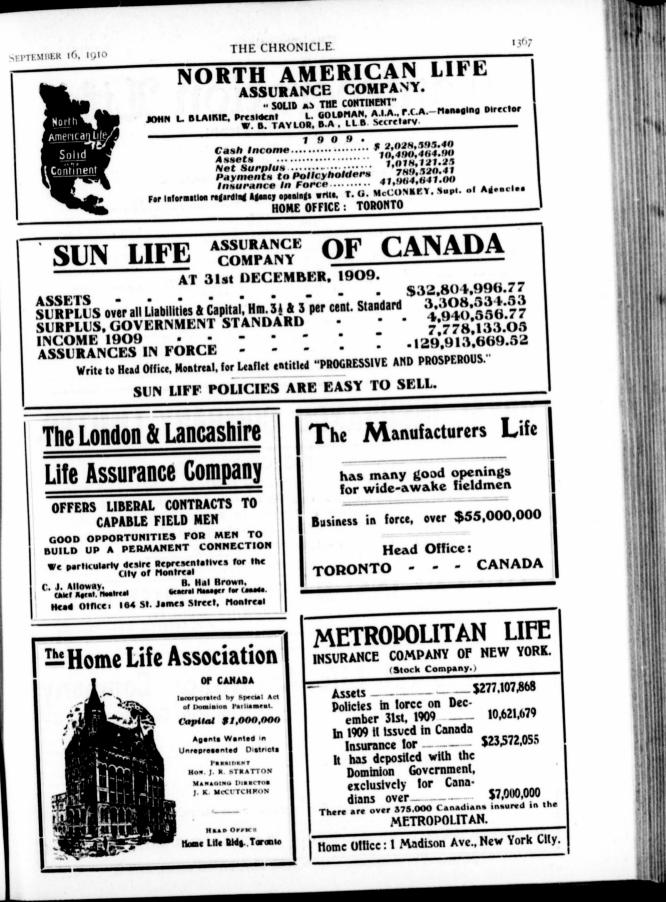
Subject to change without notice.



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