

A Reliable Business Directory.

AUTOMOBILES

WILLARD STORAGE BATTERY SERVICE STATION
Winter Storage a Specialty.
O. S. McIntyre,
14 Sydney St. Phone Main 2189-21.

BAKERS

ST. JOHN BAKERY
Standard Bread, Cakes and Pastry.
H. TAYLOR, Proprietor,
21 Hammond Street. Phone M. 2148.

WINDERS AND PRINTERS

Modern Artistic Work by
Skilled Operators.
ORDERS PROMPTLY FILLED.
THE McMillan Press
98 Prince Wm. Street. Phone M. 3740.

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Carpenter and Joiner.
197 Carmarthen St.
Phone M. 2991-31.

W. A. MUNRO

Carpenter — Contractor.
134 Paradise Row.
Phone 2129.

EDWARD BATES

Carpenter, Contractor, Appraiser, etc.
Special attention given to alterations
and repairs to houses and stores.
80 Duke St. Phone M. 786.
ST. JOHN, N. B.

CANDY MANUFACTURER

"C. B."
CHOCOLATES
The Standard of Quality
in Canada.
Our Name a Guarantee of the
Finest Materials.
GANONG BROS., LTD.
St. Stephen, N. B.
Food Board License No. 11-264.

COAL AND WOOD

COLWELL FUEL CO., LTD.
Coal and Kindling.
UNION STREET, W. E.
Phone W. 17.

H. A. DOHERTY

Successor to
F. C. MESSENGER.
COAL AND WOOD
375 Haymarket Square.
Phone 3030.

ELEVATORS

We manufacture Electric Freight,
Passenger, Hand Power, Dumb Wait-
ers, etc.
E. S. STEPHENSON & CO.,
ST. JOHN, N. B.

ELECTRICAL GOODS

ELECTRICAL CONTRACTORS
Gas Supplies
Phone Main 578, 34 and 36 Dock St.
J. T. COFFEY,
Successor to Knox Electric Co.

ENGRAVERS

F. C. WESLEY CO.
ARTISTS ENGRAVERS
181 A. D.

FARM MACHINERY

OLIVER PLOWS
McCORMICK TILLAGE AND
SEEDING MACHINERY
J. P. LYNCH 270 Union Street
Get our prices and terms before
buying elsewhere.

FIRE INSURANCE

WESTERN ASSURANCE CO.
(181 A. D.)
Fire, Explosion, Strike, Riot, Auto-
mobile, Postage and Marine.
Assets exceed \$1,000,000.
Agents Wanted.
R. W. W. FRANK & SON,
Branch Managers, St. John.

FORESTRY

Timber Lands Bought and Sold.
Timber and Pulp Wood Estimates.
R. R. BRADLEY
Consulting Forester.
58 Telegraph Building,
Hospital Street, Montreal, P. Q.

HORSES

HORSES.
Just received from Ottawa, carload
horses. Edward Hogan, Union Street.

QUEEN INSURANCE CO.

(FIRE ONLY)
Security Bonds Gas Heat
and Willing Dollars.
C. E. L. Jarvis & Son,
Provincial Agents.

"Insurance That Insures"

SEE US
Frank R. Fairweather & Co.,
12 Canterbury Street. Phone M. 663.

AUTO INSURANCE

Ask for our New Policy
FIRE, THEFT, TRANSIT,
COLLISION.
All in one Policy.
Enquiry for Rates Solicited.
Chas. A. MacDonald & Son,
Provincial Agents. Phone 1538.

WESTERN ASSURANCE CO.

(181 A. D.)
Fire, War, Marine and Motor Cars.
Assets exceed \$5,000,000.
Agents Wanted.
R. W. W. FRANK & SON,
Branch Manager, St. John.

GROCERIES

T. DONOVAN & SON
Groceries and Meats
203 Queen Street, West End.
Phone West 286.
Canada Food Board License
No. 8-8866.

HOTELS

VICTORIA HOTEL
Better Now Than Ever.
87 KING STREET, ST. JOHN, N. B.
St. John Hotel Co., Ltd.
Proprietors.
A. M. PHILLIPS, Manager.
Canada Food Board License
No. 10-5455.

CLIFTON HOUSE

THE COMMERCIAL MANSION
Cottages, parlours and bedrooms etc.
REYNOLDS & FRITCH

ROYAL HOTEL

King Street
St. John's Leading Hotel.
RAYMOND & DOHERTY CO., LTD.

DUFFERIN HOTEL

FOSTER & CO., Prop.
Open for Business
King Street, St. John, N. B.
J. T. DUNLOP, Mgr.

HARNESS

We manufacture all styles Harness
and Horse Goods at low prices.
H. HORTON & SON, LTD.
9 and 11 MARKET SQUARE,
Phone Main 448.

HACK & LIVERY STABLE

WM. BRICKLEY
Boarding and Livery Stable
74 1-2 Coburg Street.
Phone M. 1367.

JEWELERS

POYAS & CO., King Square
Full lines of Jewelry and Watches.
Prompt repair work. Phone M. 2963-11.

LADDERS

EXTENSION LADDERS
ALL SIZES
H. L. MacGOWAN,
79 Brussels Street, St. John.

MACHINERY

J. FRED WILLIAMSON
MACHINISTS AND ENGINEERS
Steamboats, Mill and General
Repair Work.
INDIAN TOWN, ST. JOHN, N. B.
Phones: M. 229; Residence, M. 2318

SPRING IS HERE

and housecleaning time has come
around once more. We have all the
necessities — Ready Mixed Paints,
Varnishes, Floor Sains, Enamel,
Brushes, Mop and every variety of
Household Hardware.
A. M. ROWAN,
331 Main Street. Phone M. 398.

FRESH FISH

Fresh Fish of all kinds.
JAMES PATTERSON,
19 and 20 South Market
Wharf, St. John, N. B.

NERVOUS DISEASES

**ROBERT WILBY, Medical Electric-
al Specialist and Masseuse.** Treats all
nervous diseases, neurasthenia, loco-
motor ataxia, paralysis, sciatica,
rheumatism. Special treatment for
uterine and ovarian pain and weak-
ness. Punctal blisters of all kinds
removed. 46 King Square.

PATENTS

FETHERSTONHAUGH & CO.
The old established firm. Patents
everywhere. Head office Royal Bank
Building, Toronto. Ottawa office, 5
Elgin Street. Offices throughout Can-
ada. Booklet free.

PLUMBERS

WM. E. EMERSON
Plumber and General
Hardware.
81 UNION STREET
WEST ST. JOHN. PHONE W. 175

FRANCIS S. WALKER

Sanitary and Heating
Engineer.
No. 14 Church Street.

CHIROPODIST

MISS L. M. HILL
has resumed practice at the old
address, 92 Princess street.
Office hours 9 a.m. to 6 p.m.
Phone 1770 M.

MISCELLANEOUS

FREE DEVELOPING
when you order 1 dozen pictures from
a 6 expo film. Prices 40c, 50c, 60c
per dozen. Send money with film to
Wasson's, St. John, N. B.

VIOLINS, MANDOLINS,

and all String Instruments and Bows
Repaired.
SYDNEY GIBBS, 81 Sydney Street

Established 1870.

G. G. MURDOCH, A.M.E.I.C.
Civil Engineer and Crown Land
Surveyor.
74 Carmarthen Street.
Phones M. 63 and M. 655.

DOMINION COAL COMPANY

DOMINION
STEAM
COALS
GENERAL SALES OFFICE
118 ST. JAMES ST.
R. P. & W. F. STARR, LIMITED
Agents at St. John.

COAL

IN STOCK
All Sizes American Anthracite
Georges Creek Blacksmith
Springhill Reserve
PRICES LOW

R. P. & W. F. Starr, Limited

Smythe Street Union Street

LANDING

SYDNEY SOFT COAL
McGIVERN COAL CO.,
5 MILL STREET
TEL. 42.

STEAM BOILERS

We offer "Matheson" steam boil-
ers for immediate shipment from
stock as follows:
NEW
One—Vertical 60 H.P. 64" dia.
16'0" high.
Two—Vertical 25 H.P. 48" dia.
9'0" high, 125 pounds working
pressure.
One—Portable on skids, 50 H.P.
48" dia., 16' 0" long, 125 pounds
working pressure.
USED
One—Horizontal section tubular, 60
H.P., 64" dia., 14'0" long. Com-
plete with all fittings. 100 lbs
working pressure.
Write for details and prices.
I. MATHESON & CO., LTD.
Boilermakers,
NEW GLASGOW, NOVA SCOTIA.

TRAVELLING?

Passage Tickets By All
Ocean Steamship Lines

WM. THOMSON & CO.

LIMITED.
Royal Bank Bldg., St. John.

TRANSPORTATION

CUNARD ANCHOR

ANCHOR-DONALDSON

TO GLASGOW.

Regular Passenger Services
to all British Ports
ANCHOR-DONALDSON
TO GLASGOW.
From—
Montreal
New York
Saturdays
May 30
June 28
July 5

CUNARD LINE

TO LIVERPOOL.

From—
New York
Saturdays
May 24
June 1
June 8
New York
Saturdays
June 15
June 22
June 29

TO SOUTHAMPTON

TO LONDON.

(via Plymouth and Havre)
New York
Saturdays
June 4
June 11
June 18

ANCHOR LINE

TO GLASGOW

OLYMPIA

June 21
For rates of passage and ticket
particulars apply to all local ticket
agents or to
**THE ROBERT REFORD COMPANY
LIMITED.**
162 Prince William Street,
ST. JOHN, N. B.

The Maritime Steamship Co.

Limited

TIME TABLE

For rates of passage and ticket
particulars apply to all local ticket
agents or to
**THE ROBERT REFORD COMPANY
LIMITED.**
162 Prince William Street,
ST. JOHN, N. B.

GRAND MANAN S.S. CO.

CHANGE OF TIME.

While our regular steamer is un-
dergoing annual repairs the S.S. "Har-
binger" will supply mail further
notice, commencing May 5th.

Atlantic Standard Time.

Leave Grand Manan, Monday 7:00
a.m. for St. John via Eastport, Cam-
pobello and Wilson's Beach.
Returning leave St. John, Wednes-
days 6:30 a.m. for Grand Manan via
Wilson's Beach, Campobello and
Eastport.

Leave Grand Manan Thursdays

7:00 a.m. for St. Stephen via Cam-
pobello, Eastport, Cumming's Cove and
St. Andrews.
Returning leave St. Stephen Fridays
7:00 a.m. for St. Andrews via Cam-
pobello, Eastport, Cumming's Cove and
Grand Manan via Wilson's Beach.

SCOTT D. GUPTILL, Manager.

Eastern Steamship Lines, Inc.

ST. JOHN AND BOSTON

Resumption of Service

The S. S. "Calvin Austin" will leave
St. John every Wednesday at 9 a. m.,
and every Saturday 6 p. m. (Atlantic
time).
The Wednesday trips are via East-
port and Lubec, due Boston 10 a. m.,
Thursday. The Saturday trips are
direct to Boston, due there Sundays
1 p. m.
Fare \$6.00. Stateroom \$2.00 up.
Direct connection with Metropolitan
steamers for New York via Cape Cod
Canal.
For freight rates and full informa-
tion apply to
A. C. CURRIE, Agent
St. John, N. B.

Whether for Government, Private

Business or a well-earned holiday

MAIL, PASSENGER AND

FREIGHT SERVICE

Between Canada and the

West Indies

By the

R.M.S.

Is the most attractive Tourist Route

available to Canadian Travellers today.

Literature sent on request

THE ROYAL MAIL STEAM PACKET CO.

HALIFAX, N. S.

MANCHESTER LINERS

Direct Sailings.

MANCHESTER

To St. John

About every three weeks.

Wm. Thomson & Co., Ltd.

Agents.

AIRBOATS BUILT

OF BEST STUFF

More Than Fifty Materials

Used in Construction —

Spruce Chief Wood.

"More than 50 different materials
from all parts of the world went into
the construction of the Navy-Curtiss
overseas flying boats," said F. H. Rus-
sell, general manager of the Curtiss
Engineering Corporation, and presi-
dent of the Manufacturers Aircraft
association. "The great planes rep-
resent the products of the world."

"These materials may be divided

into three classes," Mr. Russell said.

"The first class is the timber,"

he said. "They are woods, metals

and miscellaneous articles."

"Spruce is one of the chief woods

used in airplane construction. The

chief source of supply is the timber

belt along the Pacific Coast in Ore-

gon and Washington. It is used in

making struts and wings and the

framework of the body."

"Where peculiar toughness and

elasticity are desired ash is used. It

is heavier than spruce, but stronger."

"Rock elm grows generally in the

northeastern part of the United States

and as far south as Nebraska, and is

sometimes used as a substitute for

ash."

"Hicory from eastern Canada and

the United States is used for tail-

skids. While pine is used for ribs,

Douglas fir from the Pacific Coast

slopes has been used for beams and

so forth in training planes."

"The propellers of an airplane must

stand the greatest strain imaginable.

For propellers we use a peculiar type

of straight-grain mahogany. The fine

drying of this mahogany from

Central America, is one of the

thrilling chapters of the war, when it

was procured in large quantities in

order to equip the great number of

planes."

"The mahogany and other woods,

sometimes walnut, are laminated,

that is, the wood is taken in planks

of about an inch thickness and is

pressed together with glue between

the separate boards, the glue drying

under pressure. The propeller is

then carved from the block formed of

these layers. Warp and splitting

conditions are thus minimized. Phil-

ipine mahogany is sometimes used for

propellers and also in building the

hulls."

"Oak and black walnut are also

used for propellers."

"Spanish cedar, obtained in the

West Indies, Honduras, California and

the Gulf States, is used in flying boat

construction. Basswood found all the

way from New Brunswick to Georgia,

is also used. Balsam wood, a very

light material, found in Costa Rica,