

gable channel at Wrangel narrows is \$1,000,000. It is proposed to make the channel navigable for the largest vessels trading along the coast at all states of the tide.

The Tidal Survey branch of the Department of Marine has published tide tables for Victoria, B.C., and Sand Heads, Strait of Georgia, for 1904, with tidal differences for Esquimalt, Vancouver, New Westminster and Baynes Sound, and current on the first narrows, Burrard Inlet.

The tug Halys and a steam barge, owned by Capt. W. W. West, and operated on Kootenay lake, were burned in Queen's bay, about 20 miles from Nelson, Jan. 3. The Halys was a screw steamer built in Washington Territory, 1888, her dimensions being: length, 40 ft.; breadth, 11 ft.; depth, 4 ft.; tonnage: gross, 44; net, 34 tons.

The C.P.R. has reinsured its Atlantic, Pacific and upper lake steamers in London, Eng., at the same rates as for 1903.

The Canada Fire and Marine Insurance Co. is applying to the Manitoba Legislature for incorporation. T. C. Livingstone, solicitor, Winnipeg, is acting for the promoters.

J. F. Fraser, who was recently appointed Commissioner of Lights under the Department of Marine, has jurisdiction over the whole of the Dominion in regard to the operation and maintenance of the system of aids to navigation.

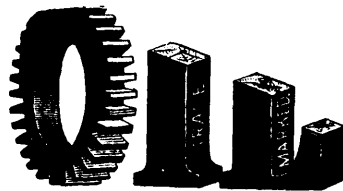
The Elder-Dempster Co. has announced that a new steamer, to be called the Canada-Cape, will be launched shortly for the Canada-Cape of Good Hope line, and that in future the service will be carried on by four steamers.

We are advised that it is the purpose of the Department of Marine to establish a Light-house Board for Canada which will deal with all matters relating to the location and character of aids to navigation. The Chief Engineer of the department will be one of the members of the board.

The Minister of Marine recently stated that he had in contemplation the further extension of the gas buoy system in the St. Lawrence river; the increase of aids to navigation in the

Bay of Fundy; the extension of the lighthouse system; and the establishment of a training school for marine officers.

The fisheries protection cruiser which is being constructed at Barrow-in-Furness, Eng., for the Dominion Government will have the following dimensions: length between perpendiculars, 200 ft.; moulded breadth, 25 ft.; depth, 14 ft.; draught when loaded, 10 ft. She will have an approximate displacement of 555 tons; a speed of 16 knots an hour; will be lighted by electricity throughout; fitted with a powerful searchlight, and armed with 437 mm. Maxim automatic guns. She will carry a crew of 75.



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The Dominion Ex. Co. has opened offices at Lang, Assa.; Dewdney and Saddle Rock, B.C.

The building on St. Peter st., Quebec, in which are the Dominion Ex. Co.'s and the C.P.R. Telegraph offices, was destroyed by fire Jan. 14.

E. A. Brand, who has been appointed Secretary to the Superintendent Canadian Ex. Co. at Toronto, was given a dinner by the local staff at London, Ont., Jan. 14, on leaving to take up the duties of his new office.

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MANITOBA

The Government Crop Bulletin issued Dec. 12th, 1902, gives the following statistics for the year:

CROPS.		
ACRES.	AVERAGE YIELD.	TOTAL.
Wheat..... 2,039,940	26. bus.	53,077,267 bus.
Oats..... 725,060	47.5 "	34,478,160 "
Barley..... 329,790	35.9 "	11,848,422 "
Potatoes... 22,005	157 "	3,459,325 "

STOCK.

Number of stock in the Province, July 1, 1902:
Horses..... 146,591 Sheep..... 20,518
Cattle..... 282,343 Pigs..... 95,598
Value of Dairy Products..... \$926,314

15,000 FARM LABORERS

Came from Eastern Canada to assist in the harvest fields of Manitoba in 1902—and the demand was not fully satisfied.

MANITOBA FARMERS ARE PROSPEROUS.

Farmers erected, this year, farm buildings valued at one and one-half million dollars.

MANITOBA LANDS—For sale by the Provincial Government. Over 1,000,000 acres of choice land in all parts of the Province are now offered at from \$2.50 to \$5.50 per acre. Payments extend over nine years. **Special Attention** is directed to 500,000 acres along the line of the Manitoba and Northwestern Railway at \$3.50 and \$4.00 per acre.

FREE HOMESTEADS are still available in many parts of the Province.

For full information, maps, etc., **FREE**, address
JAMES HARTNEY, Manitoba Emigration Agt.,
77 York Street, Toronto, Ont.
Or **J. J. GOLDEN**, Manitoba Emigration Agt.,
617 Main St., Winnipeg, Man.



The Ticket Agent and General Public are reminded that all tickets reading over this line, Chicago to as far South as DuQuoin and all other points south of DuQuoin, are honored at option of passenger
via ST. LOUIS.

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On Wednesday, via New Orleans,
Through Tourist Sleeper to California.

On Wednesday, via Omaha,
Through Tourist Sleeper to California.

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Arrives New York 10 p.m.

Night Train with sleeping car and dining car leaves Toronto 5.20 p.m., Hamilton 6.20 p.m., arrives New York 7.50 next morning.

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station in the City of New York, the Grand Central Station of the New York Central.

Connections at Suspension Bridge with the Grand Trunk Railway.

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