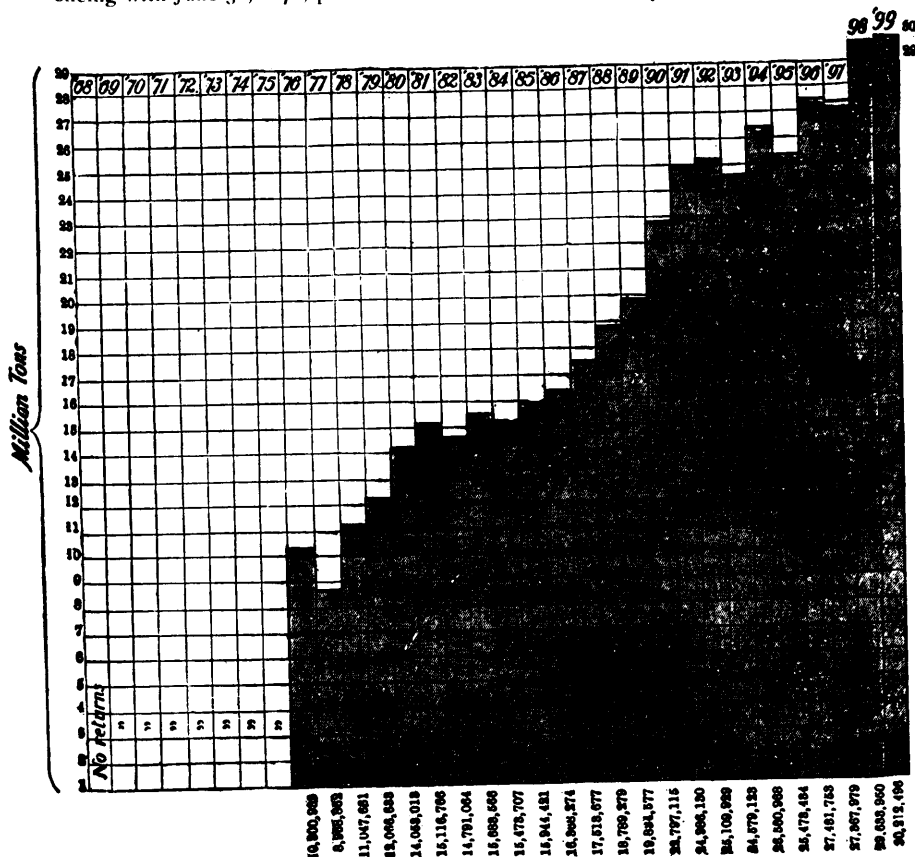


## COASTING TRADE OF CANADA.

The following diagram shows the tonnage of vessels, British & Foreign, employed in the coasting trade, which arrived at & departed from Canadian ports in each year ended June 30, commencing with June 30, 1876, prior to which no returns were kept.



by the Pacific Coast Steamship Co., for carrying the C.P.R. freight to San Francisco, which is no small item, expires, the Co. does not intend to renew the contract.

The Manchester Chamber of Commerce recently resolved, upon petition from the Yokohama, Hiogo & Osaka Chambers of Commerce, to urge the British Postmaster-General to renew the Imperial subsidy to the Canadian Pacific Royal Mail service from Vancouver, & to secure fortnightly sailings by that route to the Far East.

## Notices to Mariners.

The Dominion Department of Marine has issued the following notices:

- No. 27, May 15. Ontario. 1, Lights at Point Pelee. 2, United States, Great Lakes, Buoys in Niagara River. 3, Color of Buffalo south pier lighthouse changed. 4, Conneaut range lights increased in intensity. 5, Mama-juda range rear light station. 6, Grassy Island south channel range rear light station. 7, Isle Aux Peches range beacon lights. 8, Duluth harbor entrance.
- No. 28, May 16. Prince Edward Island. 1, Discontinuance of red sector in Knight Point light. 2, New Brunswick, fog bell at Head harbor light station. 3, Nova Scotia, Lurcher shoal buoy replaced.
- No. 29, May 19. Quebec & Maritime Provinces. Improvement in Gulf signal service.
- No. 30, May 25. Ontario lighthouse division. Aids to navigation at the upper entrance to the Soulanges canal.
- No. 31, May 28. Quebec. 1, Upper Traverse pier. Additional particulars. 2, Change in color of St. Thomas range lights. 3, Change in color of Marmen rock & Demers rock buoys. 4, Change in Vache patch buoy.
- No. 32, May 29. Ontario. 1, Fog bell at

Toronto east gap front light. 2, Resumption of Michael point light. Seguin bank buoy.

No. 33, June 4. Nova Scotia. 1, Northwest ledge bell buoy in position. 2, Lunenburg whistling buoy replaced. 3, Removal of wreck off Low point.

No. 34, June 4. Ontario. 1, Port Dalhousie main light. 2, Names on Lake St. Louis lightships. 3, United States, Great Lakes, Ogdensburg light station. 4, Fort Niagara light station. 5, Erie range no. 1 light station.

No. 35, June 9. British Columbia. 1, Shoals west of Zero rock. 2, Cordova bay. 3, Shoals west of Darcy island. 4, Extent of shoal at Walker rock. 5, Empire of Japan.

No. 36, June 13. Ontario. 1, Midland range light. 2, Dredging at Port Colborne. 3, United States, Great Lakes, Provisional light at Russell Island.

No. 37, June 15. Nova Scotia. 1, Black Rock buoy. 2, Canso harbor fairway buoy. 3, Wreck of Annie L. Taylor removed.

No. 38, June 18. Prince Edward Island. 1, Improvements in Big Miminegash range lights. 2, Buoy off Indian point lighthouse.

No. 39, June 21. Quebec. 1, Change in position of ship channel buoy no. 23 Q. 2, Fog alarm at Carleton light station. 3, Fog alarm at Bay St. Paul light station. 4, Illuminating apparatus of river lighthouses. 5, Shape of Pointe du Lac lighthouse. 6, Shape of Contrecoeur front range lighthouse.

No. 40, June 22. Ontario. 1, Temporary lights at Port Burwell. 2, Rock north of Clapperton Island. 3, United States, Great Lakes, New buoy at Detour. 4, Wreck in river Detroit buoyed. 5, Buffalo breakwater (n. end) light station.

No. 41, June 29. Nova Scotia. Beaver harbor bell buoy.

No. 42, June 29. Prince Edward Island. Change in range lights at Cascumpec.

## C.P.R. Company's Telegraph.

In our last issue we gave some particulars of the removal of the head office & the Montreal local office from the corner of Hospital & St. Francois Xavier streets to 49, 51 & 53 St. Francois Xavier street, where the work will be carried on while a modern building is being erected on the old site. The following is condensed from an account given by a correspondent of the Telegraph Age: "The wires enter the temporary office by 6 cables. Fifty-two of the more important wires and all dynamo leads were legged from the new to the old office. It is expected that the present quarters will be occupied for only a year, so that the fittings are not at all elaborate, although electrically perfect. The wiring is all done with Kerite cables & Kerite or Okonite wire; all the tables in the old office were transferred with the instruments in place; cables were laid in the new office to accommodate each table, whether it contained multiple or single instruments, & underneath each table a row of binding posts was arranged & connected to correspond with the endings of the cables in the new office, so that when one table was released the wires were disconnected leading to the floor ducts, the table with all its paraphernalia was lowered to the street, & in turn hoisted into the fourth story of the new office. It was only a few moments' work to connect the cables to the binding posts and transfer the wires which are worked on that table by plugging on at the switch in the new office & opening the legs leading to the old office. The operators followed their tables, the chief operator released the wires in the old office, & his assistant located and manned them in the new. Preparations were made in the forenoon, & three tables moved. After lunch the first wire was transferred, & at 4 o'clock every wire was working in the new office & the old operating room was deserted. At 6 o'clock every table was in place. There are 5 sextettes, 5 quartettes, 2 tables for 5 city wires, & 1 table accommodating 6 half sets of repeaters. A 4-ohm sounder is being introduced on the sending side, of multiple sets, in series with the pole-changers or transmitters, & in a resonator at the left of the sender. This is a great boon, for it not only improves the quality of Morse transmitted, owing to the fact of being able to hear one's own sending, but prevents in a great measure that strain on the wrist through over-exertion trying to make the signals carry, particularly on long circuits. Although the temporary office is small, it is so clean, bright and airy that all are quite satisfied with it, & anxiously look forward to the occupation of one of the most modern operating rooms in a year from this date."

The contract for the new C.P.R. Telegraph building has been awarded to Labelle & Payette, who erected Place Viger Station, & who are constructing the additions to the headquarters & station buildings on Windsor street. The contract includes the demolition of the old building. The plans of the new building have been prepared by Hutchinson & Wood, architects. The site of the old offices will form part of the property upon which the new building will stand. It will have a frontage of nearly 100 ft. on Hospital st., 45 ft. on St. Francois Xavier, 51 ft. on Exchange court, with a total height of 8 stories, or 116 ft. from the sidewalk to the cornice. The two lower stories are to be built of New Brunswick sandstone, while mottled pressed brick, with trimmings of the same kind of stone, will enter into the construction of the 6 upper stories. The building will be a skeleton steel construction, & fireproof throughout. The ground floor will be occupied by the C.P.R. Telegraph, & while the main entrance will be on Hospital st., the telegraph office will have an entrance on