

cleaning machinery at its new elevator, recently completed at Port Arthur, and is constructing a dry house. The new building will be constructed of fireproof brick on a pile and concrete foundation, and will be located between the elevator and power house. It will be 18 by 27 ft. on the ground and 47 ft. in height, and will be equipped with a complete grain-drying outfit.

SHIPPING MATTERS.

Marine and Navigation Votes.

The Dominion Parliament voted the following amounts on different accounts, at the last session for services connected with the marine interests of the country, in addition to the amounts given on pgs. 292, 293 of our August issue. The works for which the votes provide include repairs to existing wharves, piers and other structures, the completion of works for deepening and improving harbors and navigable channels, new work at many points at ocean and freshwater ports, and additional facilities for the canals:

Mail subsidies and steamship subventions.....	\$ 500,193
Lighthouse and coast service, including maintenance and new construction, additional Marconi stations, etc.....	468,000
Ocean and river service survey on northern coast.....	78,100
Steamboat inspection.....	20,000
Repairs to Government steamers.....	96,566
Towards two icebreaking steamers.....	425,000
Prince Edward Island, reconstruction of piers, repairs to wharves, etc.....	100,125
New Brunswick, reconstruction of piers, repairs to wharves, etc.....	255,063
Nova Scotia, reconstruction of piers, repairs to wharves, etc.....	518,729
Maritime Provinces generally.....	26,000
Quebec, reconstruction of piers, repairs to wharves, etc.....	1,084,920
Ontario, reconstruction of piers, repairs to wharves, etc.....	937,395
Manitoba, reconstruction of piers, repairs to wharves, etc.....	39,600
Northwest Territories, reconstruction of wharves, repairs to piers, etc.....	12,000
British Columbia, reconstruction of piers, repairs to wharves, etc.....	114,300
Lewis and Yukon River improvements.....	12,000
Harbors and rivers generally.....	6,800
Quebec Harbor improvements.....	80,000
St. Lawrence river ship channel.....	470,400
Montreal Harbor improvements.....	60,000
Port Colborne Harbor improvements.....	68,000
Fort Arthur and Fort William improvements.....	128,000
St. Andrew's rapids, Red River, improvements.....	64,000
Repairs to dredges generally.....	54,000
New dredging plant.....	48,000
General dredging service.....	4,000
Maritime provinces, dredging.....	142,000
Quebec and Ontario, dredging.....	60,000
Manitoba, dredging.....	131,000
British Columbia, dredging.....	66,000
Special vote for repairs to suction dredge J. I. Tarte.....	16,000
Beauharnois Canal, works at Valleyfield.....	65,000
Carillon & Grenville Canal, electric lighting, etc.....	15,000
Chamblay Canal, new work and improvements.....	9,166
Cornwall Canal, new work and improvements.....	21,885
Culbute Canal, damages.....	110,200
Farran's Point Canal, enlargement and acetylene gas plant.....	1,844
Galop Canal, improvements.....	9,500
Galop Rapids, work at.....	18,000
Galop Rapids - Adams Island, work on north channel.....	153,100
Lachine Canal, renewals and repairs, electrical appliances, bridges and other improvements.....	40,000
Murray Canal, house, etc.....	271,441
Quebec Canals, remarking boundaries.....	850
Rapide Plat Canal, enlargement.....	1,500
Rideau Canal, building bridges, improvements and towards extension.....	4,000
St. Ann's Lock.....	69,000
St. Croix Lock wharf.....	116
St. Peter's Canal, dredging.....	6,500
Sault Ste. Marie shelter.....	1,600
Soulanges Canal, damages, construction and enlargement.....	1,500
Trent Canal, completion of works, improvements and further surveys and construction.....	67,650
Welland Canal, improvements, new work, elevator at Port Colborne, repairs, etc.....	352,900
Williamsburg Canal, providing gate lifter.....	890,370
	10,000

List of Canadian Shipping.

The Department of Marine has issued the list of vessels remaining on the registry books of the Dominion corrected to Dec 31, 1903.

The total number of vessels remaining on the register books, including old and new vessels, sailing vessels, steamers and barges, was 7,020, measuring 683,147 tons register tonnage, being an increase of 184 vessels, and an increase of 30,534 tons register, as compared with 1902. The number of steamers on the registry books on the same date was 2,419, with a gross tonnage of 338,251 tons. Assuming the average value to be \$30 per ton, the value of the registered tonnage of Canada on Dec. 31 last would be \$20,494,410, against \$19,578,390 on same date 1902. Following is a summary showing the number of vessels and their tonnage by provinces:—

	Sailing ships and steamers.	Steamers.	Gross tonnage steamers.	Net tonnage of sailing ships and steamers.
New Brunswick.....	929	136	10,523	59,508
Nova Scotia.....	2,069	184	22,418	216,053
Quebec.....	1,288	373	82,875	138,570
Ontario.....	1,778	1,199	141,801	169,086
P. E. Island.....	164	17	2,375	13,739
British Columbia.....	639	391	67,620	76,215
Manitoba.....	139	97	7,263	7,605
Yukon District.....	14	13	3,376	2,281
Grand Total.....	7,020	2,419	338,251	683,147

There are 77 ports of registry in the Dominion, an increase of two in the year, distributed as follows: Ontario, 38; Nova Scotia, 21; New Brunswick, 7; Quebec, 5; British Columbia, 3; Prince Edward Island, Manitoba, and Yukon Territory, one each. The two ports added during the year are Fort William and Midland, Ont. Since these returns were made up the registry office at Port Rowan, Ont., has been closed and the records transferred to Simcoe, where the collector's office is situated. Quebec city still retains its position as the port where the greatest number of vessels are registered, the number being 640 against 654 in 1902, while Montreal has the largest tonnage, 94,526, against 91,347 in 1902. Toronto has the largest number of steamers on her registry, 255, against 240 in 1902; Montreal comes second with 217 steamers, and Ottawa third with 204; the tonnage of the 217 Montreal steamers being nearly double that of the 205 at Toronto.

The number of new vessels built and registered in the Dominion during the year was 328, measuring 30,323 tons register tonnage. Estimating the value of the new tonnage at \$45 per ton, it gives a total value of \$1,364,535 for new vessels. The new vessels were built and registered as follows:

	Vessels.	Tons.
New Brunswick.....	24	1,708
Nova Scotia.....	135	12,907
Quebec.....	31	1,076
Ontario.....	71	10,719
Prince Edward Island.....	6	171
British Columbia.....	56	3,494
Manitoba.....	5	248
Yukon District.....	Nil.	Nil.
Total.....	328	30,323

A table is also given showing that during 1902 the names of 19 vessels were changed at 11 ports.

In point of ownership of net tonnage Canada stands eighth among the nations, those having over 100,000 tons being as follows:

British, including Canada and the colonies.....	11,014,790
United States.....	2,600,048
German.....	2,254,308
Norwegian.....	1,354,725

French.....	1,156,170
Italian.....	977,515
Russian.....	919,864
Canadian.....	683,147
Swedish.....	609,208
Spanish.....	548,199
Japanese.....	523,389
Dutch.....	493,506
Danish.....	427,472
Grecian.....	374,409
Austrian.....	370,222
Turkish.....	240,638
Brazilian.....	157,106
Belgian.....	108,553

Notices to Mariners.

The Dominion Department of Marine has issued the following notices to mariners:

No. 57. July 20.—New Brunswick—155. Chaleur bay, Shippigan flat, buoy.

No. 58. July 23.—Quebec—157. River St. Lawrence, Traverse of St. Roch, lower end, light and fog alarm established.

No. 59. July 26.—British Columbia—148. Howe Sound, shoal channel, beacon off Gibson's landing rebuilt. 159. Grenville channel, western entrance, Watson rock, beacon rebuilt.

No. 60. July 26.—Quebec—163. River St. Lawrence, Traverse of St. Roch, light-ship discontinued.

No. 61. July 27.—Quebec—164. River St. Lawrence, ship channel between Quebec and Montreal, Contrecoeur traverse, change in position of range lights, new range light buildings.

No. 62. Aug. 6.—Quebec—165. Gulf of St. Lawrence, off east end of Anticosti, lightship.

No. 63. Aug. 6.—Ontario—168. Detroit River, Amherstburg range lights, improvements in towers. 169. Detroit River, Fort Malden range lights, improvements of towers. 170. Lake Huron, east side, Stokes bay, range beacons replaced by lighthouses.

No. 64. Aug. 9.—Nova Scotia—171. West coast, St. Mary bay, Gilbert point, lighthouse established.

No. 65. Aug. 12.—British Columbia—173. Strait of Georgia, Nanose harbor, shoal at entrance. 174. Strait of Georgia, Ballinac channel, uncharted rock. 175. Strait of Georgia, off the south Ballinac Island, uncharted shoal.

The following notices have been issued by the U.S. Hydrographic Department:

No. 30. July 23.—Lake Superior—1089. Duluth harbor entrance, electric lights established.

No. 31. July 30.—Detroit River—1126. Fort Malden range lights, improvement of towers. 1127. Amherstburg range lights, improvement of towers.

No. 32. Aug. 6.—Lake Superior—1162. Michigan, Torch Lake, Torch Lake Canal Co., cut. Lake Erie—1167. Conneaut harbor improvements.

Maritime Provinces and Newfoundland.

Jas. A. McMillan, of Wood Island, P.E.I., has been appointed a Receiver of Wreck for P.E.I.

Jas. Hall, of Halifax, N.S., has been appointed a member of the Pilotage Commission for the district of Halifax.

The str. Brunswick was seriously damaged by fire at Parrsboro, N.S., Aug. 8, and is now undergoing repairs at that port.

The owners of the marine railway at North Sydney, N.S., are considering an estimate of \$6,000 to put the plant in good condition.

The Star Line has had the str. Queen reconstructed and she was placed on the river route as the Champlain early in August.