

by the Intercolonial Ry., was given a series of test runs at Halifax, N.S., July 13. Trips were made in Bedford Basin and out to sea for about 20 miles, attaining a speed of 14.12 knots an hour.

The Dominion Government s.s. Minto and the auxiliary schooner Burrell are announced to sail from Halifax, N.S., Aug. 1, for Hudson Strait. The schooner will proceed to Mansell Island, where a wireless telegraph station is to be established. The s.s. Minto will continue the work of attending the buoys and lights which she established in the strait last year.

It is announced that the Prince Edward Island Government has entered into an agreement with W. Macdonald, Sydney, N.S., for the operation of the s.s. Senlac on a regular route between Prince Edward Island and Newfoundland until December. The route is said to cover the following places, Summerside and Charlottetown, P.E.I., Sydney, N.S., and St. John's, Nfld., and if required, also Souris, P.E.I., and North Sydney, N.S.

The Dominion Coal Co.'s s.s. Cabot, while bound from Charlottetown, P.E.I., for Sydney, N.S., was sunk by the bursting of her water ballast tank. The captain and crew took to the boats and after 12 hours were landed at Hastings, N.S. The s.s. Cabot was built at Grangemouth, England, in 1907, and was screw driven by engine of 63 n.h.p. Her dimensions were, length 155.1 ft., breadth 25.1 ft., depth 9.7 ft.; tonnage 465 gross, 162 register.

The Canada Atlantic and Plant Steamship Co. is announced to have withdrawn its steamship service between Charlottetown, P.E.I., and Boston, Mass., owing to small bookings. The steamships Evangeline and Halifax were utilized on this service. Jas. Carragher, agent for the company at Charlottetown, is reported to have stated that he had received instructions to cancel all sailings of the company's vessels from the Island eastward, for the remainder of the season. It is suggested locally that the Government be asked to offer some inducement to the company to continue the service, at least to the end of the year. Efforts are also being made to get the local board of trade to take the matter up.

**Province of Quebec Marine.**

Canada Steamship Lines s.s. Tadousac stranded in shallow water near Ste. Irene at the end of June, and was refloated the same day with trifling damage.

Canada Steamship Lines s.s. Quebec, while on her way to Quebec, July 6, grounded near Three Rivers during a gale, but was refloated the following day without damage.

**Ontario and the Great Lakes.**

The Dredging and Drainage Co. of Ontario, Ltd., has changed its name to the Dredging and Dock Co., Ltd.

The U. S. Government has placed a horizontal striped gas buoy to mark the point where the wrecked s.s. Charles S. Price lies, in 60 ft. of water near Fort Gratiot light station, Michigan.

Canada Steamship Lines, Ltd., has placed an extra boat on its Toronto-Niagara route for its Sunday service, on account of increased traffic. Five round trips are now made each Sunday.

Canada Steamship Lines, Ltd., has secured supplementary letters patent amending the powers in its original letters patent by substituting a new clause respecting mortgages, bonds and debentures.

The C.P.R. has added verandah cafes to its steamships Assiniboia and Keewatin, and new smoke rooms to its steamships Alberta and Manitoba, and has also installed reading lights in every berth.

Mathews Steamship Co.'s s.s. Easton transported a cargo of 2,000 tons of iron ore from Marquette, Mich., to the Atlantic coast, recently, which is said to be the first cargo ever shipped direct to the coast from Marquette.

F. E. Hall and Co.'s s.s. Carleton was docked at Buffalo, N.Y., early in July for general repair and overhaul, after striking bottom in the St. Lawrence. It is stated that on completion of the repairs the vessel will sail for England.

The Algoma Central Steamship Line's s.s. Paliki is undergoing repair at Port Arthur, after sustaining bottom damage through grounding some time ago. She was expected to be ready for service early in August.

The s.s. Florence, owned by Sir John Eaton, Toronto, has been overhauled and painted grey, and has been taken to Quebec, where it is stated she will be used by the Government for patrol duty on the river and along the sea coast.

A new edition of Sailing Directions for Canadian Shores of Lake Huron and Georgian Bay has been issued by the Hydrographic Survey, Naval Service Department, and will be supplied to mariners free on application.

The Atlantic Steamship Co.'s s.s. International, which left the builders' yards at Detroit, Mich., July 6, arrived at Quebec, July 13, on her maiden voyage, with coal for the Nova Scotia Steel and Coal Co., and then loaded pulp wood at Gaspé for the return trip to Erie, Pa.

The Marine Department has placed a fixed white light on the steel frame work of the back range lighthouse tower, on the east side of Sydenham River at Owen Sound, until the original lighthouse which was destroyed by fire in June, has been replaced.

A press report states that the Dominion Government has awarded the contract for the transportation of the 1,000,000 bush. of wheat which it has purchased on behalf of the New Zealand Government, from the head of the lakes to Montreal, to the C.P.R.

Lake carriers, were asked by the Government to tender for this service, and it is stated that the tender of the C.P.R. was the lowest.

The s.s. Matoa, formerly owned by Pittsburgh Steamship Co., which was wrecked during the 1913 storm on the Great Lakes and subsequently purchased and repaired by the Reid Wrecking Co., Sarnia, was cut in two recently for passage through the canals, and has been sent to the coast for service on the Atlantic.

A lighthouse and fog bell have been established on a pier in 18 ft. of water in the Detroit River at the head of the Livingstone Channel, about 200 ft. south of the intersection point of the east edge of the Livingstone channel and the west edge of the Ballard Reef channel. The light, which is alternating white and red for 10 and 5 seconds respectively, is 42 ft. above water level, and is visible at 8 miles from all points of approach. The fog bell, which is operated by machinery, gives one stroke every 5 seconds. The gas buoy 79D at the junction of the two channels has been removed.

The U.S. Lake Survey reports the levels of the Great Lakes in feet above tide water, for June, as follows: Superior, 601.95; Michigan and Huron, 579.78; Erie, 571.86; Ontario, 245.12. Compared with the average June levels for the last ten years, Superior was 0.32 ft. below; Michigan and Huron, 1.20 ft. below; Erie, 1.11 ft. below, and Ontario, 1.92 ft. below. It was anticipated that during July, Superior would be 0.2 ft. higher, Michigan and Huron 0.1 ft. higher, and Erie and Ontario 0.1 ft. lower.

Mariners are cautioned in regard to approaching the works in progress in the neighborhood of Port Weller, where the Welland Ship Canal will debouch into Lake Ontario. The artificial harbor of Port Weller is situated about 2½ miles east of the Port Dalhousie entrance to the existing Welland Canal, and will consist of a basin protected by earth work and riprap breakwaters, terminating in crib work running about 1¼ miles due north into the lake. Cribs are being sunk in connection with the outer works, and it may at times prove impossible to maintain efficient lights on them, though every effort will be made to keep the outer extremity marked by fixed white lantern lights.

**Sault Ste. Marie Canals Traffic.**

The following commerce passed through the Sault Ste. Marie Canals during June.

ARTICLES		CANADIAN CANAL	U. S. CANAL	TOTAL	
Copper.....	Eastbound	Short tons	1,988	13,216	15,154
Grain.....	"	Bushels	1,494,512	1,246,871	2,741,883
Building stone.....	"	Short tons			
Flour.....	"	Barrels	288,320	539,574	827,894
Iron ore.....	"	Short tons	125,706	5,028,268	5,753,974
Pig iron.....	"	"			
Lumber.....	"	M. ft. b.m.	7,227	73,252	80,479
Wheat.....	"	Bushels	2,119,229	2,807,562	4,926,791
General merchandise.....	"	Short tons	16,328	24,530	40,858
Passengers.....	"	Number	1,798	1,969	3,767
Coal, hard.....	Westbound	Short tons	12,006	288,625	300,631
Coal, soft.....	"	"	36,300	1,588,235	1,624,535
Flour.....	"	Barrels			
Grain.....	"	Bushels			
Manufactured iron.....	"	Short tons	4,504	23,800	28,304
Iron ore.....	"	"			
Salt.....	"	Barrels		84,872	84,872
General merchandise.....	"	Short tons	33,631	120,482	154,113
Passengers.....	"	Number	1,361	2,365	3,726
<b>Summary.</b>					
Vessel passages.....		Number	431	2,150	2,581
Registered tonnage.....		Net	684,871	5,846,300	6,531,201
Freight—Eastbound.....		Short tons	284,001	5,956,517	6,240,518
—Westbound.....		"	86,441	2,033,873	2,120,314
Total freight.....		"	370,442	7,990,390	8,360,832