

Canadian Notices to Mariners.

The Department of Marine has issued the following:—

230. July 8. Ontario, Lake St. Clair, Thames River front range light, change in illuminating apparatus.
231. July 8. Ontario, River St. Mary, westward of Vidal shoals, gas buoy established at junction of channels.
232. July 8. United States of America, Lake Superior, off Presque Isle Point, and Marquette, uncharted shoals.
233. July 18. Prince Edward Island, southeast coast, Cape Bear, temporary light.
234. July 18. Quebec, Restigouche River, Battery Point to Campbellton, change in positions of buoys.
235. July 18. Quebec, River St. Lawrence, eastward of Orleans Island, change in characteristic of lights shown from gas buoys placed temporarily for dredging purposes.
236. July 20. Ontario, Lake Superior, Slate Islands, change in character of light, fog alarm established.
237. July 21. New Brunswick, south coast, Bay of Fundy, Martin Head, light-house established.
238. July 21. Prince Edward Island, south coast, Northumberland Strait, off Carleton Head, gas buoy placed.
239. July 21. Canada, caution with regard to sweeping operations.
240. July 21. Ireland, west coast, Great Skellig Island, fog signal established.
241. July 22. New Brunswick, Bay of Fundy, Campobello Island, Head Harbor, fog bell to be discontinued, intended change in position and character of fog alarm.
242. July 22. Nova Scotia, Bay of Fundy, Brier Island, northwest ledge, intended change in position of gas and whistling buoy, submarine bell buoy to be established.
243. July 22. Nova Scotia, Bay of Fundy, Lurcher shoal, light ship to be removed from her station, temporarily, for repairs.
244. July 24. Nova Scotia, south coast, off entrance to Owls Head harbor, bell buoy to be established.
245. July 24. Nova Scotia, Cape Breton Island, Bras d'Or Lake, East Bay, buoys established.
246. July 24. New Brunswick, Miramichi River, Bras d'Or Lake, East Bay, buoys range lights established.
247. July 24. Ireland, south coast, Port of Cork, White Bay, leading lights and light buoy established.
248. July 25. Ontario, Lake Ontario, Cobourg harbor, extension to west breakwater, information.
249. July 25. Ontario, Lake Erie, Port Colborne, intended change in position of back range light, caution.
250. July 25. Ontario, Lake Huron, Southampton, gas buoy replaced by gas and bell buoy.
251. July 25. Ontario, Georgian Bay, east side, Waubune Channel, Lone Rock, gas and whistling buoy replaced by gas and bell buoy.
252. July 25. Ontario, Georgian Bay, east side, Byng Inlet approach, westward of Maganatawan ledges, gas buoy replaced by gas and whistling buoy.
253. July 27. Quebec, River St. Lawrence, Lake St. Francis, Coteau Landing, light on wharf to be shown from gas beacon.
254. July 27. Ontario, Georgian Bay, east side, Giants Tomb Island, change in character of light.
255. July 29. Nova Scotia, west coast, submarine fog bell off Cape Fourchu discontinued, submarine bell buoy to be established near Yarmouth gas and whistling buoy.
256. July 29. Quebec, River St. Lawrence, below Quebec, Empress shoal, gas

buoy established, change in position of gas buoy.

257. July 30. Quebec, River St. Lawrence, Lake St. Louis, buoy established northwestward of Chateaugay lightship.
258. July 30. Quebec, Ottawa River, Lake of Two Mountains, Graham, front range light raised.
259. July 30. Ontario, Lake Ontario, Niagara River mouth, Niagara-on-the-Lake, change in characteristic of fog alarm.
260. July 30. Ontario, Georgian Bay, approach to Midland, eastward of Elimere Point, McNicoll back range lighthouse, slats placed in skeleton frame.
261. July 30. Ontario, Georgian Bay, east side, Roberts Island, Honey Harbor channel, light established on Turning Rock beacon, buoy established.
262. Aug. 4. British Columbia, Vancouver Island, east coast, Baynes Sound, Base Flat, Union Spit, beacons to be replaced by platform buoys.
263. Aug. 4. British Columbia, Chatham Sound, Metlakatla harbor, change in character of buoys.
264. Aug. 5. British Columbia, Strait of Georgia, Fraser River entrance, change in positions of buoys and lightships.
265. Aug. 5. British Columbia, Grenville channel, Yolk Point, day beacon erected.
266. Aug. 5. British Columbia, Grenville channel, entrance to Lowe Inlet, Tom Island, day beacon rebuilt.
267. Aug. 5. British Columbia, Skeena River, Middle passage, Kennedy Island, eastward of Georgy Point, day beacon erected.
268. Aug. 6. Canada, information and regulations relating to war conditions, warnings to mariners.
269. Aug. 6. New Brunswick, Bay of Fundy, Grand Manan Island, uncharted shoal between Green Islands and Big Wood Island.
270. Aug. 6. Nova Scotia, south coast, approach to Halifax, northward of inner gas and whistling buoy, electrically operated submarine fog bell discontinued, submarine bell buoy to be established.
271. Aug. 7. Ontario, Lake Huron, Goderich north breakwater, description of light, alteration to beacon, fog alarm established, fog whistle on Goderich waterworks building discontinued.
272. Aug. 11. Ontario, Detroit River, Limekiln Crossing range lights established, Texas dock eastern and western range lights to be discontinued, old range lights at Bois Blanc Island to be discontinued.
273. Aug. 11. Detroit River, Livingstone Channel, gas buoys established, buoys moved.
274. Aug. 12. Ontario, Georgian Bay, Penetanguishene harbor, dredging, buoyage, lights.
275. Aug. 15. Quebec, Ottawa River, Vaudreuil, change in position of back range beacon.
276. Aug. 15. Ontario, Ottawa River, South Nation River mouth, buoys established.
277. Aug. 15. Ontario, Bay of Quinte, Picton, buoys established.
278. Aug. 15. Ontario, Lake Ontario, Toronto harbor approach, bell buoys placed, gas buoy placed.
279. Aug. 15. Ontario, Georgian Bay, Thornbury, bearing of range lights.
280. Aug. 15. Ontario, Georgian Bay, east side, Waubune channel, southwestward of Oak Island, uncharted rock, intended change in position of buoy.
281. Aug. 15. Canada, warning, British ships must show their colors when signalled.
282. Aug. 18. Nova Scotia, south coast, approach to Halifax, War channel buoyed from Neverfail shoal to seaward for use of all shipping, warning to mariners.

283. Aug. 18. Nova Scotia, south coast, Halifax harbor, Lighthouse bank, conical buoy replaced by gas buoy.

284. Aug. 18. Nova Scotia, south coast, Halifax harbor, Mauger Beach, fog alarm temporarily discontinued.

285. Aug. 19. Nova Scotia, Bay of Fundy, Minas Basin, Burntcoat, new lighthouse.

286. Aug. 19. Nova Scotia, south coast, Beaver harbor, Beaver Point, light pole replaced by lighthouse, change in color of light.

287. Aug. 19. Quebec, Gulf of St. Lawrence, Natashkwan Point, lighthouse established.

288. Aug. 20. Nova Scotia, Bay of Fundy, Grand Passage, Bald Rock, spindle erected.

289. Aug. 20. Quebec, River St. Lawrence, Point des Monts, change in character of light.

290. Aug. 20. Quebec, River St. Lawrence, ship channel between Quebec and Montreal, above Ile St. Ours, Petite Traverse, spar buoys replaced by conical buoys.

291. Aug. 20. Quebec, River St. Lawrence, below Montreal, Lanoraie to Varennes, Repentigny Channel to be used by light draught vessels.

292. Aug. 20. Quebec, River St. Lawrence, Repentigny Channel, Ile Lebel, front range lighthouse decreased in height.

The Demand for Lakes Tonnage.—In his introduction to the recent issue of Beeson's Marine Directory, the publisher says,—"Navigation for the season of 1914 opened very slowly, in fact as far as any urgent demand for any class of tonnage, there was practically none. The boats of a few of the largest companies were finally got into commission by about June 15, but as we go to press, June 25, there are fully 30% of the lake tonnage entirely idle, most of which has not been fitted out this spring. There is little prospect of any great increase of tonnage unless the enormous grain crops about to be harvested are moved very freely before Dec. 1, which would help the situation some, and it is possible with the adjustment of eastern rail freight rates, which is expected early in July, that an increase in movement in iron ore may take place." The statement that fully 30% of the lake tonnage was entirely idle at the date named, must be taken as applying to U. S. tonnage only, as, although it may be admitted that cargoes have not, generally, been up to the level of last season, it cannot be said that any such proportion of Canadian tonnage has been idle even at so early a point in the season as that indicated. The statement of Jas. Carruthers, President, Canada Steamship Lines, Ltd., the company controlling the largest number of Canadian vessels engaged in the Great Lakes service, and published in Canadian Railway and Marine World for July, announced that well before the end of June, all of the vessels in the company's service were in operation.

A reflector, somewhat similar to the type used on automobiles, has been applied to the observation end of a private car recently built in the U.S. It is made so as to fold in flat with the side of the car, and is useful in enabling the people in the car to see ahead of the train by looking out of the car window.

A New York report states that the Interstate Commerce Commission has promised to act as soon as possible on the request that the G.T.R. be allowed to run boats between Providence and New York or Philadelphia. The petition from Providence is supported by one from the Central Vermont Ry., a G.T.R. subsidiary.