



OFFICE  
OF THE  
Commissioner of Lights.  
JUN 30 1908  
Department of Marine & Fisheries,  
OTTAWA, CANADA.

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LIST  
 OF  
 LIGHTS AND FOG SIGNALS  
 ON THE  
 COASTS, RIVERS AND LAKES  
 OF THE  
 DOMINION OF CANADA

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CORRECTED TO THE

1st April, 1904

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DEPARTMENT OF MARINE AND FISHERIES



OTTAWA  
 GOVERNMENT PRINTING BUREAU  
 1904

# LIST OF LIGHTS AND FOG-SIGNALS

ON THE

COASTS, RIVERS AND LAKES

OF THE

DOMINION OF CANADA

UNDER THE CHARGE OF THE DEPARTMENT OF MARINE  
AND FISHERIES.

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The Lights in the Bay of Fundy and on the southern and eastern coasts of Nova Scotia, those required for the winter passage of either steamers or ice boats to Prince Edward Island, the Light on the southwest point of St. Paul Island, and all the Lights in British Columbia, are exhibited all the year round

All other lights under the control of the Department of Marine and Fisheries are maintained in operation whenever the navigation in the vicinity is open. Lights used solely as harbour lights are not exhibited when the harbour is closed, although the general navigation may remain open. Fishing lights are maintained only during the fishing season. In any case where there is reasonable doubt whether the light is required it is kept in operation.

All the Lightships in the River St. Lawrence below Quebec leave Quebec each spring for their stations as early as ice will permit. The Red island and White island lightships leave their stations for winter quarters on the 15th November annually.

All the Gas Buoys in the River St. Lawrence are set out as soon as possible after the 11th May each spring, and taken up as soon as convenient after the 10th November each autumn, when they are replaced by wooden spar buoys. All Buoys in the River St. Lawrence below Quebec are removed after the 14th November, excepting those replacing the gas buoys at each end of the Beaujeu bank and at the Channel patch, one at the west end of Middle bank, and one at St. Roch, East point, in the Traverse, which are when possible until the last ocean vessel has passed out.

F. GOURDEAU,

*Deputy Minister of Marine and Fisheries.*

DEPARTMENT OF MARINE AND FISHERIES,

OTTAWA, CANADA. 1st April, 1904.

# TABLE OF DISTANCES

By ALAN STEVENSON.

TABLE of Distances at which objects can be seen at sea, according to their respective elevations and the elevation of the eye of the observer.

Heights in feet.	Distances in Statute or English Miles.	Distances in Geographical or nautical Miles.	Heights in feet.	Distances in Statute or English Miles.	Distances in Geographical or nautical Miles.	Heights in feet.	Distances in Statute or English Miles.	Distances in Geographical or nautical Miles.
5	2·958	2·565	70	11·067	9·598	250	20·916	18·14
10	4·184	3·628	75	11·456	9·935	300	22·912	19·87
15	5·123	4·443	80	11·832	10·26	350	24·748	21·46
20	5·916	5·130	85	12·196	10·57	400	26·457	22·94
25	6·614	5·736	90	12·549	10·88	450	28·062	24·30
30	7·245	6·283	95	12·893	11·18	500	29·580	25·65
35	7·826	6·787	100	13·228	11·47	550	31·024	26·90
40	8·366	7·255	110	13·874	12·03	600	32·403	28·10
45	8·874	7·696	120	14·490	12·56	650	33·726	29·25
50	9·354	8·112	130	15·083	13·08	700	35·000	30·28
55	9·811	8·509	140	15·652	13·57	800	37·416	32·45
60	10·246	8·886	150	16·201	14·22	900	39·836	34·54
65	10·665	9·249	200	18·708	16·22	1,000	41·833	36·28

EXAMPLE.—A Light 100 feet above the water will be visible to an observer whose eye is elevated 15 feet above the water 15·9 nautical miles; thus, from the table:—

15 feet elevation, distance visible,	4·44 nautical miles.
100       “                               “	11·47       “
	<u>15·91</u>

# ABBREVIATIONS AND EXPLANATIONS

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## Lights

- F.** Fixed. A continuous steady light. In catoptric lights the intensity may vary, depending on the position of the mariner with reference to the axis of the reflectors.
- FL.** Flashing. Showing single flashes.
- GF. FL.** Group Flashing. Showing groups of two or more flashes in succession (not necessarily of the same colour) separated by eclipses, followed by a longer eclipse.
- F. & FL.** Fixed and Flashing. Fixed light, varied by single white or coloured flashes, which may be preceded and followed by short eclipses.
- REV.** Revolving. Light gradually increasing to full effect, then decreasing to eclipse. (*At short distances and in clear weather a faint continuous light may be observed. As lights of this class are all catoptric they are liable to variations in intensity during the continuance of the flash as the position of the reflectors changes.*)
- GF. REV.** Group Revolving. Showing groups of two or more flashes in succession produced by revolving catoptric apparatus, separated by eclipses, followed by a longer eclipse.
- Occ.** Occulting. A steady light suddenly and totally eclipsed.
- ALT.** Alternating. Red and white light alternately at equal intervals.
- The time given for a revolving or flash light is from the beginning of one flash to the beginning of the next.

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## ILLUMINATING APPARATUS.

- C.** Catoptric, or by metallic reflectors.
- D.** Dioptric, or by refracting lenses numbered from the first order downwards. Those marked of the 7th order are anchor lenses or anchor lens lanterns of 5 inches focal distance; those marked "p" are inferior pressed glass lenses, principally of  $3\frac{1}{2}$  inches focal distance.

The Bearings are Magnetic, and are given from seaward.

The given distances from which the lights are visible are calculated from a height of fifteen feet above the sea, the elevation of the lights being in all cases taken as above high water.

*The Geographical Positions of the Lights are Approximate*

# CAUTION

## WITH RESPECT TO LIGHTS

The intrinsic power of a light should always be considered when expecting to make it in thick weather. A weak light is easily obscured by haze, and no dependence can be placed on its being seen.

Coloured Lights are also inferior in power to bright or white lights, and are more quickly lost under unfavourable circumstances.

### CUTS OR SECTORS.

In some conditions of the atmosphere, white lights may have a reddish hue. The mariner should not trust solely to colour where there are sectors, but verify the position by taking a bearing of the light. On either side of the line of demarcation, between white and red, and also between white and green, there is always a small arc of uncertain colour.

## WITH RESPECT TO FOG-SIGNALS.

Having in view the varying distances at which a fog-signal can be heard at sea, and the frequent occurrence of fog near to, but not observable from, a fog-signal station—

Mariners are cautioned that, whilst they are entitled to assume that every endeavour will be made to start Fog-signals as soon as possible after signs of fog have been observed, they should not, when approaching the land in a fog, rely implicitly upon these fog-signals, but should always use the lead, which, in nearly all cases, will give sufficient warning.

Mariners are strongly cautioned that they must not judge their distance from a fog-signal by the power of the sound. Under certain conditions of the atmosphere the sound may be lost at a very short distance from the station, and these conditions may vary at the same station within very short intervals of time.

The expression "foggy weather" means that the state of the atmosphere is such as to make objects indistinct.

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## ERRORS.

N.B.—It is particularly requested that any errors or omissions noticed in this work, or any failure in the aids to navigation may be immediately communicated, by letter, to the

CHIEF ENGINEER OF  
MARINE AND FISHERIES,

Ottawa, Canada.

Such letters may be mailed post free in Canada.

# AIDS TO NAVIGATION--FILE NUMBERS

DEPARTMENT OF MARINE AND FISHERIES.

OTTAWA, CANADA, 2nd April, 1904.

A scheme of recording that portion of the correspondence of the Department of Marine and Fisheries of Canada, which relates to aids to navigation, has been devised, whereby the files are numbered to correspond with the numbers that the several aids carry in this year's list of lights and fog signals, with a letter added to indicate subdivision according to subject.

The subdivisions designated by letter are as follows :—

- C—Construction.
- L—Land and titles.
- K—Keepership.
- R—Repairs.
- F—Fog signals.
- M—Boats, boathouses, wharves, &c.
- A—Maintenance and miscellaneous.
- B—Apparatus.
- S—Supplies.

As there were in the Department when this arrangement was inaugurated nearly 20,000 files, those relating to aids to navigation begin under the new system with No. 20,001 instead of No. 1 ; the round number 20,000 should, therefore, be added to every number that appears in the accompanying index.

As illustrations : Any correspondence with reference to a boat, boathouse or wharf for Abbot harbour lightstation would be on file No. 20225 B ; while the appointment of a lightkeeper, or any question respecting his salary, at Jeromé Point lighthouse, would be treated under file No. 20439 K.

By this plan any official can, by referring to this index or to a list of lights, quote at once the file number of any subject relating to existing aids to navigation respecting which he wishes to communicate with the Department, and officers of the Department are hereby instructed to quote such file numbers in all their correspondence, and to write respecting only one subject in one letter.

F. GOURDEAU,

*Deputy Minister of Marine and Fisheries.*

WM. P. ANDERSON,

*Chief Engineer.*

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LIST  
OF  
LIGHTS AND FOG SIGNALS  
ON THE  
COASTS, RIVERS AND LAKES  
OF THE  
DOMINION OF CANADA  
CORRECTED TO THE  
1st April, 1904

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NEW  
BAY OF

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of light above high water mark.	Miles seen in clear weather.
1	LITTLE RIVER.....	U.S. Light.						
2	MACHIAS SEAL ISLAND.	Near middle of island .. 64 yards S.E. from north westerly light.	44 30	7 67 6 19	F. white.....	D, 2..	76	14
4	GANNET ROCK.....	S. of Grand Manan....	44 30 38	66 46 57	F. & Fl. white.... Light 30 sec. Eclipsed 3½ " Flash 3 " Eclipsed 3¾ " In every 40 "	D, 4..	66	13
7	(SOUTH WEST HEAD.	On edge of cliff, S. extremity of head.	44 36	0 66 54 16	Gp. Rev. red and white, 2 mins. 3 red flashes 40 sec. Eclipse 20 " 3 white fls. 40 " Eclipse 20 "	C ....	200	20
10	GRAND HARBOUR	On Fish Fluke point...	44 40	2 66 45 8	F. white.....	C ....	40	11
12	GULL COVE.....	On E. side of White-head Island.	44 37 55	66 41 50	F. white.....	D, p..	90	6
14	BIG DUCK ISLAND FOG HORN.	S. end of island.....	44 41	5 66 41 40				
17	SWALLOWTAIL...	Near edge of high cliff, N.E. part of island.	44 45 46	66 44 2	F. white.....	D, 4..	148	18
19	LONG EDDY POINT FOG WHISTLE.	Extreme N.W. head of island.	44 48	0 66 47 15				
22	SOUTH WOLF WHISTLING BUOY.	In 52 fms. 1½ miles S.S.E. from S.W. Wolf light.	44 55 20	66 42 30				
23	SOUTHWEST WOLF ISLAND.	On S.E. point of the island.	44 56 30	66 44 00	Rev. white, 1½ minutes.	C ....	111	16
	QUODDY HEAD.....	U. S. light and whistle.						
	SOUTHWEST HEAD...	Described above, No. 7.						
26	MULHOLLAND POINT.	On E. side Lubec Narrows, Campobello Island.	44 51 40	66 58 50	F. white.....	D, 7..	66	13
28	CHERRY ISLAND FOG BELL.	On S.W. point of island	44 55	6 66 53 2				

BRUNSWICK.

FUNDY.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, octagonal, wood; red metal lantern.	57	1832	Steam-whistle sounds 5 seconds in every 30 seconds	Lights visible all around the horizon. In range N. W. lead $4\frac{1}{2}$ miles S. of Murr Ledges.	1
White, octagonal, wood; red iron lantern.	53	1832 reb't 1875			2
Black and white vertical stripes, octagonal, wooden.	41	1831	Cotton powder bombs exploded every 15 minutes; and every 5 minutes when vessels' signals are heard in dangerous proximity.	Dangerous rocks extend 4 miles eastward of the light.	4
White, square, wood, with dwelling attached.	43	1880	Hand horn answers signals from vessels.		7
White, square, wood; dwelling attached.	32	1879	Hand horn answers signals from vessels.	Visible from all points seaward.....	10
Lantern on a mast	35	1902		Visible from all points of approach by water.	12
White, with brown roof, dwelling near by.		1886	Horn sounds 6 seconds with intervals of 35 seconds.		14
White, octagonal, wood, with white dwelling and outbuildings near	50	1860	Hand horn answers signals from vessels.	Visible from S. 8° E. round through south, west and north to N. 8° E.	17
White wooden building, dark roof.			Steam-whistle sounds 4 seconds with intervals of 16 seconds.	Whistle 80 feet above high water...	19
Black iron buoy, with "S. Wolf" in white, surmounted by 10 in. whistle.		1891	Whistle sounded automatically by waves.	From the buoy, Head Harbour light bears N. W. by W. $8\frac{1}{2}$ miles; and Lepreau light E. by N. $\frac{1}{2}$ N., $13\frac{1}{2}$ miles.	22
White, square, wood; lantern on dwelling.	35	1871	Hand horn answers signals from vessels.	Visible from all points of approach.	23
White, octagonal, wood	44	1885		Visible from N. N. W. through E. to S. S. W.	26
White, square, wood, surmounted by a bell.	17	1903	Bell gives 2 strokes in quick succession every 6 seconds.	The fog bell is elevated 43 ft. above high water mark.	28

## NEW BRUNSWICK

## BAY OF

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
29	HEAD HARBOUR....	E. Quoddy head N. point of Campobello Island.	44 57 30	66 54 10	F. white.....	D, 4...	64	13
	ST. CROIX RIVER.	DOCHET ISLAND. U. S. light.						
		WHITLOCK MILL U. S. light.						
31	MARKS POINT...	N. shore of river.....	45 10 10	67 12 30	F. white.....	C.....	32	10
32	SPRUCE POINT...	N. shore of river.....	45 10 0	67 10 25	F. white.....	C.....	32	10
34		N. point of entrance....	45 4 0	67 3 0	F. white.....	C.....	42	10
35	ST. ANDREWS.	On sand reef at E. entrance.	45 3 45	67 0 50	F. white.....	C.....	40	10
38	MIDJIK BLUFF...	Passamaquoddy Bay, Charlotte Co.	45 6 53	66 54 30	F. white.....	D, 7...	130	15
39	LETITE PASSAGE	On W. extremity of Mascabin Point.	45 2 20	66 53 34	F. white.....	D, 7...	48	12
	HEAD HARBOUR....	See above, No. 29.						
41	BLISS ISLAND.....	West end of island, S. side of western entrance to Bliss Harbour.	45 1 15	66 51 0	Occ. white, visible 10 secs., eclipsed 5 secs.	D, 5...	55	12
42	PEA POINT.....	E. side of entrance to l'Étang Harbour.	45 2 20	66 48 40	F. green.....	C.....	51	10
43	BEAVER HARBOUR FAIRWAY WHISTLING BOY.	In 22 fathoms 1½ miles S. from Beaver Harbour lighthouse.	45 2 22	66 43 30	.....	.....	.....	.....
44	DREWS HEAD.....	On W. side of Beaver Harbour.	45 3 45	66 44 5	F. white.....	C.....	45	10
47	LEPREAU WHISTLING BOY.	In 23 fathoms 1 mile S.S.W. from light.	45 2 31	66 27 50	.....	.....	.....	.....

WICK—Continued.

FUNDY—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, with red cross, octagonal, wooden tower with dwelling attached. Iron lantern, red.	34	1829 Fog horn 1880	Horn sounds blasts of 8 seconds' duration, with intervals of 35 seconds between them. Bell at the lighthouse is rung by hand in answer to signals from vessels.		29
White, square, wood..	28	1876		The course from Spruce Point to ballast ground is E. by S. $\frac{1}{2}$ S., distance 2 miles. From Spruce Point to Marks Point, W.N.W., distance 2 miles. A vessel after leaving Dochet Island, to clear the reef, should steer N. until the Spruce Point light bears N. W. by W., and thence take a W.N.W. course.	31
White, square, wood..	28	1876			32
White, octagonal, wood	22	1833		Visible between the bearings of N.W. by N. and S.E. by S.	34
White, square, wood, on a framed pier.	10	1875	Hand horn answers signals from vessels.	There is a depth of 4 feet of water only on the N.W. extension of the reef towards mainland.	35
White, square, wood, lantern brown.	29	1876		A bar extends E.N.E. from lighthouse, and vessels require to keep off a distance of 260 yards to clear it at low water.	38
White, octagonal, wood; red, octagonal, iron lantern. Fog alarm building, white, square, wood.	43	1903 Fog alarm 1879	Steam horn sounds blasts of 7 seconds, with intervals of 30 seconds between them.	Visible from all points of approach by water.	39
White, square, wood; red octagonal, iron lantern.	40	1871	Hand horn answers signals from vessels.	Visible from all points of approach by water.	41
White, square, wood, with dwelling attached.	31	1878	Hand horn answers signals from vessels.	Visible from seaward from W. through N. to S. An iron spindle, painted black, on the Grey Mare Ledge, marks the W. side of entrance.	42
Iron buoy, red and white vertical stripes, with "Beaver Harbour" in black, 10-inch whistle.	..	1899	Whistle sounded by motion of waves.	Pea Point light bears W. by N. $\frac{3}{4}$ N., 3 $\frac{1}{2}$ miles; Lepreau light, E. by S. $\frac{1}{4}$ S., 11 miles; and Head Harbour light, W. by S. $\frac{1}{4}$ S., 9 miles.	43
White, square, wood..	36	1875	Hand horn answers signals from vessels.	Seen at all points between eastern and western heads of harbour.	44
Black and white vertically striped iron buoy with "Lepreau" on side, surmounted by 10 inch whistle.	.....	1884	Whistle sounded by motion of waves.	From the buoy Wolf Island light bears W. $\frac{3}{4}$ S.; and Musquash light, E. by N. $\frac{1}{4}$ N.	47

## NEW BRUNS

## BAY OF

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
48	LEPREAU .....	On low point, 327 feet from extremity.	45 3 32	66 27 45	Rev. white, every 30 seconds.	C .....	80	14
49	DIPPER HARBOUR BELL BUOY.	Off harbour, in 16 fathoms, 1 mile S. $\frac{3}{4}$ E. from light.	45 4 40	66 24 16	.....	.....	.....	.....
50	DIPPER HARBOUR...	On S. point of Campbell island.	45 5 30	66 25 0	F. red.....	D, 7..	30	6
52	SPLIT ROCK WHISTLING BUOY.	In 30 fathoms off Split Rock.	45 7 0	66 14 40	.....	.....	.....	.....
54	MUSQUASH HARBOUR FAIRWAY BELL BUOY.	In 10 fathoms at entrance to harbour.	45 8 40	66 14 50	.....	.....	.....	.....
55	MUSQUASH.....	E. side of entrance.....	45 8 35	66 14 30	F. green seaward F. white to harbour.	C .....	112	10
56	TINER POINT FOG ALARM.	On the point.....	45 9 22	66 11 22	.....	.....	.....	.....
58	PARTRIDGE ISLAND.	Highest point of Island, St. John Harbour.	45 13 54	66 3 10	F. white.....	D, 3..	119	17
59	PARTRIDGE ISLAND BELL BOAT.	In 26 feet. Near E. side of Partridge Island.	45 14 7	66 2 43	.....	.....	.....	.....
60	NEGRO POINT...	On Government breakwater, W. entrance to port, 50 feet from outer end.	45 14 13	66 3 19	F. white.....	D, 6..	40	8
62	ST. JOHN HARBOUR.	On pier on point of bar, W. side of channel.	45 14 58	66 3 12	F. red .....	D, 4..	35	10
64	REEDS POINT....	On Prince William Street, foot of St. James Street, St. John City.	45 15 41	66 3 28	F. red and white. 64 c. p. incandescent lamps.	Elec-	42	5

WICK—Continued.

FUNDY—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Octagonal, wood, red and white horizontal bands, red polygonal iron lantern.	54	1831 re-built 1899	Steam horn gives blasts of 5 seconds' duration, with intervals of 25 seconds between them.	Visible from all points seaward. ....	48
Black iron buoy with "Dipper Har." in white letters on the deck, surmounted by a bell.	.....	1901	Bell rung by motion of buoy on the waves.	From the buoy Point Lepreau light bears W. $\frac{1}{2}$ S., 2 $\frac{1}{2}$ miles.	49
White, with red roof, square, wood.	23	1888	Hand horn answers signals from vessels.	Visible seaward and in the harbour when bearing from S. by W. to S. E.	50
Black iron buoy, with "Split Rock" in white, surmounted by a 10-inch whistle.	.....	1880	Whistle sounded by motion of waves.	From the buoy Musquash light bears N.E. by N. $\frac{3}{4}$ N., 1 $\frac{1}{2}$ miles; Western head, Musquash, bears N. $\frac{1}{4}$ E., 1 $\frac{1}{4}$ miles; Partridge island bears E.N.E., 10 $\frac{1}{4}$ miles.	52
Black and white vertically striped, iron buoy, surmounted by a bell.	.....	1901	Bell rung by motion of buoy on the waves.	From the buoy Musquash lighthouse bears E. by S.; and the nearest point of western head, N.W. $\frac{1}{2}$ W.	54
White, square, wood, with dwelling attached.	40	1879	Hand horn answers signals from vessels.	.....	55
White, rectangular, wood.	.....	1904	Diaphone, operated by compressed air, gives blasts of 3 seconds' duration every minute.	The horn projects from the seaward face of the building, and is elevated about 100 ft. above the water.	56
Vertical red and white stripes, octagonal wooden, with red iron lantern.	40	1791	Steam-whistle sounds blasts of 5 seconds' duration with silent intervals of 20 seconds and 30 seconds alternately between them.	.....	58
Black iron boat surmounted by a tower and bell.	.....	.....	Bell rung by motion of the boat on the waves.	From the buoy Partridge Island light bears W. $\frac{1}{2}$ N. $\frac{1}{4}$ mile; W. tangent of Inner Mispeck point, S. E. by S. $\frac{1}{4}$ S., 2 $\frac{1}{4}$ miles; St. John harbour light, N. $\frac{1}{4}$ W. $\frac{1}{4}$ mile.	59
White with red lantern, open framed hexagonal tower, on circular stone foundation.	35	1878 re-established 1883	.....	.....	60
Vertical black and white stripes.	15	1828	Bell rung by machinery gives a stroke every 20 seconds.	.....	62
On a three branched lamp post.	21	1850	.....	Shows red to seaward over an arc of 67 $\frac{1}{2}$ ° from N. E. to N.N.W., white on other bearings.	64

## NEW BRUNSWICK

## RIVER ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
66	GREEN HEAD.....	On wooded hillside on W. side of channel at turn $1\frac{1}{2}$ miles above Indiantown.	45 16 50	66 9 15	F. white.. . . .	D, 7..	150	10
70	PERRY POINT . . . . .	Kennebecasis river. On E. side of public wharf	45 29	0 65 57 15	F. white.....	D, p..	35	10
73	SAND POINT.....	Low shore, E. side of river, about 150 feet back from high water mark.	45 20 50	66 13 0	F. white.....	D, 7..	60	13
74	BELYEA POINT....	On Nathaniel Belyea's point, W. side of River.	45 23	5 66 14 30	F. white.....	D, 7..	40	11
76	WILLIAMS LANDING..	Near outer end of public wharf.	45 30 50	66 7 45	F. white.....	D, p..	30	10
77	OAK POINT.....	On E. extremity of point on low land, W. side of river.	45 32 10	66 8 0	F. white.....	D, 7..	49	12
79	FLEWELLING LANDING.	West side of river, Parish of Greenwich.	45 33	0 66 9 8	F. red.....	D, 7..	25	5
82	GREYS POINT . . . . .	At head of Belleisle bay. On cribwork pier, 335 ft. S. from N.W. corner of Government wharf.	45 38 41	65 57 32	F. white.....	D, p..	46	8
84	HATFIELD POINT . . . . .	On cribwork block in angle at outer end of public wharf.	45 39	5 65 57 30	F. white.....	D, p..	41	5
87	PALMER LANDING..	On the outer end of government wharf.	45 35 42	66 2 55	F. white.....	D, p..	34	11
89	HAMPSTEAD WHARF.	On W. side of river. Near outer end of public wharf.	45 37 30	66 6 0	F. white.....	D, p..	36	11

WICK—Continued.

JOHN.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood ..	50	1869 Tower 1896	Hand horn answers signals from vessels.		66
Lantern on a mast, with white shed at base.	30	1900		Visible from all points of approach. In making for wharf keep in mid-channel till light bears N.N.E., then take this bearing to wharf.	70
Red skeleton steel tower, upper enclosed part white.	58	1869 ch'ged 1898			73
White, square, wood ..	36	1882		To guide clear to Purdy's shoal ..	74
Lantern on a mast ....	25	1884		To guide through Long Reach. ....	76
White, square, wood ; lantern red.	48	1869 Tower 1902		Visible from all points of approach.	77
Lantern on a white mast	19	1885		Shows from N.E. round through E. to S.W.	79
Lantern on a mast, with white shed at base.	36	1900		Visible from all points of approach by water. Answers as a leading light through channel S.S.W. from Hatfield Point wharf.	82
Lantern on a mast ....	40	1890		In Belleisle bay. Light visible between the bearings of N.E. through N. to S.W.	84
White, square, wood ..	28	1884 mov'd 1896			87
Lantern on a mast, with white shed at base.	31	1900		Visible from all points of approach by water. To guide to public wharf.	89

## NEW BRUNS

## RIVER ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.	
93	WASHDEMOAK LAKE.	MUSQUASH ISLAND, Queens County.....	45 42 40 66	6 40	F. white.....	C.....	33	0	
94		HENDRY FARM, Queens County, 24 miles N.E. of Musquash Island light.	45 43 0 66	5 30	F. white.....	C.....	30	10	
97	GAGETOWN.....	W. side of river.....	45 46 0 66	11 0	F. white.....	D, 7..	53	8	
99	JEMSEG.....	On S. side lower Jemseg entrance.	45 47 0 66	8 40	F. red.....	D, 7..	34	3	
101	GRAND LAKE.	COX POINT.....	46 2 0 66	1 0	F. white.....	C.....	26	10	
102		MCMANN POINT, Newcastle.....	46 4 0 66	2 0	F. white.....	C.....	28	10	
103		ROBERTSON POINT.....		45 53 0 66	13 0	F. white.....	C.....	16	10
104		FANJOY POINT.....		45 55 10 66	4 0	F. white.....	C.....	16	10
106	BRIDGES POINT.....	On E. side of river opposite foot of Mauger Island.	45 52 36 66	19 21	F. white.....	D, 7..	45	12	
109	OROMOCTO.....	About 400 yds. South Eastwardly from head of public wharf.	45 51 8 66	29 38	F. white.....	D, 7..	52	10	
110	WILMOT BLUFF.....	W. side of river.....	45 52 15 66	32 40	F. white.....	C.....	104	10	

WICK—Continued.

JOHN—Concluded.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog Signal.	Remarks.	No.
White, square, wood, on piles.	27	1875 Re-built 1893		In coming down, the two lights to be kept in range until opposite N.W. end of Hog Island whence a southerly course to be kept to foot of Musquash Island. In going up, the two lights to be brought in range opposite N.W. end of Hog Island, and kept in range until within $\frac{1}{2}$ mile of the light on Hendry Farm.	93
White, square, wood, on piles.	27	1875 Re-built 1893			94
White, square, wood. Lantern red. On cribwork pier.	47	1895		To guide vessels between Jemseg and Musquash Island, and to show turn in river at Buzzas.	97
Mast, with white shed with brown roof at base, on white timber pier.	21	1884		Light shows from S.W. round by W. to N.E.	99
White, square, wood..	36	1869			101
White, square, wood..	26	1876			102
White, square, wood..	16	1873			103
White, square, wood..	16	1873			104
White, square, wood, with lantern roof red.	30	1891		To guide vessels through the channel on E. side of Gilbert or Mauger Island.	106
White, square, wood, on cribwork pier. Lantern red.	47	1869 mov'd 1895			109
Lantern on mast, with white shed at base, elevated on open framework.	40	1869			110

## NEW BRUNS

## BAY OF

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
	PARTRIDGE ISLAND..	See above, No. 58.						
113	BLACK POINT WHISTLING BUOY.	In 15 fathoms outside entrance of St. John harbour.	45 11 30	66 1 0				
115	CAPE SPENCER .....	Pitch of cape.....	45 12 56	54 35	Alt. red and white 45 seconds.	C .....	207	20
117	QUACO LEDGE BELL BUOY.	In 10 fathoms $\frac{1}{2}$ mile N.W. of ledge.	45 14 35	65 22 40				
118	QUACO, WEST HEAD.	On pitch of cape St. Martins.	45 19 30	65 32 10	Rev. white, 20 seconds.	C .....	110	16
119	QUACO BELL BUOY...	At S. E. extremity of reef at West head in 10 fathoms $\frac{1}{2}$ mile S. E. by E. from light.	45 19 21	65 31 40				
120	QUACO PIER.....	On outer end of E. breakwater pier.	45 21 20	65 31 55	F. red.....	D, p..	20	6
123	ANDERSON HOLLOW	On shore, N. of Government breakwater.	45 37 39	64 50 0	F. white....	D, 7..	91	6
	APPLE RIVER.....	See N.S. lights below No. 136.						
124	CAPE ENRAGE.....	Pitch of cape.....	45 35 40	64 47 0	F. white.....	D, 4..	120	15
126	GRINDSTONE.....	W. point of island.....	45 43 16	64 37 24	F. white.....	C .....	79	14
128	WARD POINT.....	Rockport .....	45 43 35	64 29 40	F. white.....	D, p..	72	10
130	FORT FOLLY POINT..	On extreme point.....	45 52 5	64 33 55	F. white.....	D, 7..	77	14

For lights on the Gulf of St. Lawrence coast of New Brunswick, see 815 and following numbers.

WICK—Continued.

FUNDY (RESUMED.)

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Black iron buoy with "Black Pt." in white letters, surmounted by a 10-inch whistle.	.....	1890	Whistle sounds by the action of the waves.	From the buoy Partridge Island light bears N. $\frac{1}{2}$ W., $3\frac{1}{2}$ miles; Mispeck Point, E. $\frac{1}{2}$ N., $1\frac{1}{2}$ miles; south-west end of Meogenes Island, N.W. by W., $3\frac{1}{2}$ miles.	113
White, square, building with tower.	35	1873	Hand horn answers signals from vessels.	Visible between the bearings E.S.E. round by N. to W.N.W., Partridge Island light bearing N.W. by W. $\frac{1}{2}$ W., distant $6\frac{1}{2}$ miles.	115
Red iron buoy with "Quaco Ledge" in white letters, surmounted by a bell.	.....	1886	Bell rung by motion of buoy on the waves.	From the buoy Quaco head light bears N.W. by N., $8\frac{1}{2}$ miles; Cape Spencer light, W. by N. $\frac{1}{2}$ N., 23 miles; Isle Haute light, E. by S. $\frac{1}{2}$ S., $15\frac{1}{2}$ miles.	117
White, square, wood, dwelling attached. Fog building white, with brown roof, wood.	49	1835 re-built 1883	Steam horn 70 feet from lighthouse, gives blasts of 9 seconds with intervals of 30 seconds.	General coast light and to guide to St. Martin Harbour.	118
Black iron buoy with "Quaco Reef" in white letters on deck, surmounted by a bell.	.....	1885	Bell rings by action of waves.	From the buoy Quaco head light bears N.W. by W., $\frac{1}{2}$ mile; and Quaco pier light, N. by E., 2 miles.	119
White, square, wood..	21	1887	Hand horn answers signals from vessels.	Visible between W. by N. $\frac{1}{2}$ N. and N.W.; and between N. $\frac{1}{2}$ E. and N.E. by E. Obscured from N.W. to N. $\frac{1}{2}$ E. The deepest water in entering the inner harbour is close to the light.	120
White, square, wood..	31	1889 re-built 1903	Hand horn answers signals from vessels.	Visible from all points of approach by water. Vessels may run for harbour one hour before high water.	123
White, octagonal wooden, surmounted by red metal lantern. Fog-alarm building of drab stone with slate roof.	23	1840	Steam horn sounds blasts of 8 seconds, with intervals of 20 seconds.	Fog-alarm is 130 feet S.W. from the lighthouse, at an elevation of 100 feet.	124
White, octagonal, wood, white dwelling near by. Fog-horn building white, with brown roof.	40	1854	Steam horn sounds blasts of 15 seconds, with intervals of 30 seconds.	Visible over $315^\circ$ from S.W. by W. through N. to W. by N. Fog-alarm building stands in front of tower. If horn disabled, old trumpet 150 feet behind will sound short blasts every 15 seconds.	126
White, square, wood..	22	1890	.....	Visible from E.N.E. through N. to S.W. $\frac{1}{2}$ W.	128
White, with iron lantern red, square, wood, with dwelling attached.	35	1890	Hand horn answers signals from vessels.	At junction of Petitecodiac and Memramcook rivers.	130

NOVA

BAY OF

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
136	APPLE RIVER.....	On Cape Capstan, or Hetty Point, N. entrance.	45 28 20	64 51 35	F. white .....	D, 7...	64	12
138	ISLE HAUTE.....	On highest point . . .	45 14 55	65 0 45	Rev. white, 1 min.	C.....	365	20
140	ADVOCATE HARBOUR.	On S. side of entrance..	45 19 30	64 47 30	F. red .....	D.....	36	7
141	CAPE D'OR FOG-WHISTLE.	On extreme point, opposite side of channel from Blackrock.	45 17 25	64 46 40	.....	.....	.....	.....
144	CAPE SHARP...	On southern extremity of cape.	45 21 55	64 23 35	F. red.....	D, 7...	60	10
145	PARRSBORO OR PARTRIDGE ISLAND.	W. side of river.....	45 23	0 64 19 5	F. white .....	C.....	37	9
147	ECONOMY.....	On point of bar running out from N. side of entrance to Economy River.	45 22 45	63 55 00	F. red.....	D, p...	15	5
148	PORTAPIQUE....	On western head at entrance to Portapique River.	45 23 35	63 43 30	F. red.....	D, p...	30	6
150	SPENCER POINT..	On N. shore, at mouth of Great Village River.	45 23 30	63 37 0	F. white .....	C.....	35	11
151	LITTLE DYKE...	On western head at entrance to Folly River.	45 22 45	63 33 20	F. red.....	D, p...	25	6
152	MASSTOWN OR DEBERT.	On eastern head at entrance to Moss Creek.	45 22 45	63 29 0	F. red.....	D, p...	30	6
153	SALTER HEAD...	On shore of Basin of Mines.	45 20 10	63 32 10	F. red.....	D, p...	60	5
155	BURNTCOAT ....	Basin of Mines, N.W. extremity of head, S. shore.	45 18 40	63 48 30	F. white.....	C.....	75	13
156	WALTON HARBOUR.	E. side of mouth of La Tête River.	45 14	0 64 0 45	F. red .....	C.....	60	10
157	HORTON.....	On Bluff, W. side of Avon River, near its mouth.	45 6 30	64 13 20	F. white.....	C.....	100	15

BASIN OF MINES.

SCOTIA.

FUNDY—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, oblong, wood, square tower, surmounted by octagonal metal lantern rising from roof of dwelling. Fog-alarm building, white, with brown roof, wood.	45	Re-built 1870 Fog-alarm 1889	Steam horn gives blasts of 14 seconds, with intervals of 46 seconds.	Visible from all points of approach by water. Fog-alarm immediately E. of tower.	136
White, square, wood, dwelling attached, almost hidden by trees.	53	1878			138
White, square, wood, with dwelling attached.	27	1884 mov'd 1888			140
Brown, wooden building.		1875	Whistle sounds for 6 seconds in every 30 seconds.		141
White, square, wood, with dwelling attached. Fog alarm building, white, rectangular, wood, with red roof.	34	1886 Fog alarm 1904	Diaphone operated by compressed air, gives blasts of 3½ seconds' duration every minute.	The fog alarm building stands 225 feet N.N.W. from the lighthouse. The horn projects from its seaward face, and is elevated 45 feet above high water mark.	144
White, square, wood, iron lantern; dwelling attached.	32	1852	Hand horn answers signals from vessels.		145
Lantern on a mast	30	1882		Visible from all points of approach. Kept lit during fishing season.	147
Lantern on a mast	20	1882		Visible from all points of approach. Kept lit during fishing season.	148
In window of a building	20	1863		During navigation.	150
Lantern on a mast	20	1882		Visible from all points of approach. Kept lit during fishing season.	151
Lantern on a mast	20	1882		Visible from all points of approach. Kept lit during fishing season.	152
Lantern on a mast, with white shed at base.	20	1888		Visible from all points of approach.	153
White, square, with lantern on dwelling.	35	1859		Visible from all points of approach.	155
White, square, wood	20	1873			156
White, square, wood, dwelling attached.	33	1851 reb'lt 1883			157

## NOVA

## BAY OF

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
158	WOLFVILLE.....	N.W. corner of Government wharf.	45 6 64	21 34	F. red.....	D, 7..	20	6
159	KINGSPORT.....	On Oak Point pier.....	45 9 35	64 21 30	F. white.....	D, 7..	27	10
160	PORTER POINT.....	On N. extremity of point, S. side of entrance to Canning river.	45 8 43	64 22 48	F. red.....	D, p..	29	5
161	BORLEN WHARF.....	On S. side of Canning river	45 8 45	64 24 1	F. red.....	D, p..	26	.....
163	BLACKROCK.....	S. shore.....	45 10 15	64 45 50	F. white.....	C.....	45	12
164	MARGARETVILLE.....	On extremity of point, S. shore.	45 3 20	65 4 0	F. red.....	C.....	{ 70 } { 23 }	8
166	PORT GEORGE.....	On outer end of E. pier.	45 0 25	65 9 25	F. green.....	C.....	25	7
167	PORT WILLIAMS OR MARSHALL COVE.	S. shore, Bay of Fundy	44 56 53	65 15 56	Two F. white, 22 ft. apart vertically.	C.....	{ 92 } { 70 }	10
169	POINT PRIM OR DIGBY GUT.	S. point of entrance to Annapolis Basin.	44 41 30	65 47 10	F. white.....	C.....	76	13
170	VICTORIA BEACH.....	On eastern side of Digby Gut.	44 40 38	65 45 10	F. white.....	D, 7..	52	12
171	DIGBY PIER.....	At outer end of pier...	44 37 40	65 45 6	F. red.....	D, p..	30	7
174	SHAFNER POINT.....	On N. side of Annapolis River.	44 42 40	65 37 12	F. white.....	D, 7..	55	8
176	ANNAPOLIS.....	On water's edge of Engineer's Lot, N.E. of Government pier.	44 44 51	65 31 6	F. red.....	D, p..	30	7
177	GRANVILLE CENTRE.	On outer end of wharf, N. side of river.	44 46 57	65 26 30	F. red.....	D, 7..	29	2
179	BOARS HEAD.....	17 yards from edge of cliff, on W. side of N. entrance to Petit Passage.	44 24 10	66 13 3	Alt. red and white 1 minute.	C.....	70	14
180	NORTHWEST LEDGE BELL BUOY.	In 15 fathoms, 400 yds, N.N.W. $\frac{1}{2}$ W. from the N.W. rock.	44 19 15	66 24 30	.....	.....	.....	.....

SCOTIA—Continued.

FUNDY—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood..	22	1902		Visible from all points of approach by water.	158
White square, wood..	23	1878 reb'ilt 1891		Visible from all points of approach.	159
White, square, wood, on piles.	27	1904		Visible from all points of approach by water.	160
White, square, wood, on piles.	27	1904		Visible in the straight reaches of the channel to the northward and eastward.	161
White, square, wood..	35	1848		Light in lantern on roof of dwelling, visible from all points of approach.	163
White and black horizontal bands, square, wood.	22	1859		Visible from seaward from N.W. by W. $\frac{3}{4}$ W. through S. to E. by N. $\frac{1}{4}$ N.	164
White, square, wood..	21	1888		Visible from all points seaward.....	166
White, square, wood..	22	1859		Upper light shown from metal lantern on top of tower; lower light in bow window at base, visible from seaward from E. by S. through S. to W.S.W. $\frac{1}{4}$ W.	167
Vertical red and white stripes, square, wood tower, with dwelling attached.	22	1817 Fog-alarm 1871	Steam-whistle sounds 8 seconds in each minute.	Whistle near edge of cliff, 225 feet north-eastwardly from lighthouse tower.	169
White, square, wood..	28	1901		Visible from all points of approach by water. To serve as a guide through Digby Gut, and to small vessels seeking a landing at Victoria beach.	170
White, square, wood..	27	1887 Tower 1903		Visible from all points of approach by water.	171
White, square, wood..	43	1885		Indicates Goat Island Shoals.....	174
White, square, wood..	28	1889		Visible from all points seaward. After passing the black buoy off Marsh Point, vessels ascending may run directly for the light on an E. by N. $\frac{1}{4}$ N. course to the anchorage just below the old Government pier.	176
Lantern on a mast, with white shed at base.	23	1903		Visible from all points of approach by water.	177
White, square, wood, lantern on roof of dwelling.	33	1864			179
Red and black vertical striped iron buoy, with "N. W. Ledge" in white on deck.		1890	Bell rung by action of waves	From buoy Brier I. light bears S. $\frac{3}{4}$ W., $\frac{4}{2}$ miles; N. point of Brier I., S.E. $\frac{1}{4}$ S., $\frac{3}{2}$ miles.	180

## NOVA

## BAY OF FUNDY AND

No.	Name.	Location	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
183	GRAND PASSAGE....	N. point of Brier Island	44 17 14	66 20 36	F. red .....	D, 7..	62	8
184	BRIER ISLAND.....	On west point of Island	44 14 57	66 23 38	Gp. Rev. white, showing 4 flashes at intervals of 12 secs., followed by an eclipse of 24 secs. 4 flashes... 36 sec. Eclipse... 24 " Time of revolution 60 secs.	C....	92	15
186	WESTPORT.....	Peters Island, entrance to Grand Passage.	44 15 27	66 20 21	Two F. white, 24 ft. apart horizontally.	C....	40	10
189	SISSIBOO.....	S. side of entrance to river.	44 26 25	66 1 00	F. white.....	C....	36	8
190	BELLIVEAU COVE....	On outer end of E. pier.	44 24 20	66 3 10	F. green.....	D, p..	24	4
191	CHURCH POINT.....	E. side of St. Mary Bay Digby County.	44 19 55	66 7 35	F. red.....	C....	36	10
192	METEGHAN RIVER...	At extreme end of breakwater.	44 13 10	66 8 42	F. Green.....	D, p..	23	6
194	CAPE ST. MARY.....	E. side of Bay.....	44 5 10	66 12 40	Alt. red and white, 30 seconds.	C....	103	16
195	TRINITY BELL BUOY	In 8 fathoms W. by N. $\frac{1}{2}$ N. 600 ft. from Trinity ledge.	43 59 35	66 18 30				
197	PORT MAITLAND....	Or Maitland, or Green Cove, on outer end of westerly breakwater.	43 59 5	66 9 30	F. Red.....	D, p..	26	6
198	LURCHER SHOAL LIGHTSHIP.	In about 36 fathoms, off Lurcher Shoal, 2 miles W. of the $1\frac{1}{2}$ -fathom spot.	43 49 32	66 32 0	Occ. white (3 lanterns encircling each masthead), visible 8 seconds, eclipsed 4 sec'ds.	D 7..	60	13
199	LURCHER SHOAL WHISTLING BUOY.	In 13 fathoms $\frac{1}{2}$ mile W. of Shoal.	43 50	2 66 30 0				

SCOTIA—Continued.

ATLANTIC COASTS.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood; red octagonal iron lantern.	34	1901	.....	Visible from all points of approach by water. To indicate the N. entrance to Grand Passage.	183
White, octagonal, wood Fog-alarm building S. of tower.	55	1809 Fog-alarm 1873	Steam-whistle sounds three blasts of 4 seconds, with intervals of 4 seconds between them, in each minute.	.....	184
White, square, wood, lanterns rising from ends of dwelling.....	15 each	1850	Hand-horn answers signals from vessels.	Visible from the northward between the bearings of S. by W. and S.S.W., and from the southward between the bearings of N.E. by E. and N.N.W. $\frac{1}{2}$ W.	186
White, square, wood..	33	1870	.....	.....	189
White, square, wood..	22	1889	.....	Visible from all points seaward.	190
White, square, wood, dwelling attached.	20	1874	.....	.....	191
Vertical red stripes on seaward side, lantern painted black.	21	1875	.....	For guiding vessels into river. Must be left on starboard hand and passed close aboard. Tide leaves breakwater one hour before low water.	192
White, octagonal, wood	43	1868	.....	.....	194
Red iron buoy, with "Trinity" in white, surmounted by a bell.	.....	1874	Bell rung by action of the waves.	From the buoy Cape St. Mary bears N.E. by E. 7 miles; Cape Fourchu S. by E. $13\frac{1}{2}$ miles; Lurcher Shoal buoy S.W. by W. $12\frac{1}{2}$ miles.	195
White, square, wood..	27	1884 Tower 1897	.....	Kept up from 15th April to 31st December, each year.	197
Steel steamer, with two masts, hull red, with "Lurcher" in white letters on each side, and "No. 14" on each bow. The circular gallery at each mast head, the smoke stack, and the fog-signal between the masts, are red.	.....	1904	Diaphone, operated by compressed air, gives blasts of 4 secs. duration every minute.	Lights visible from all points of approach. Should the electric light apparatus become inoperative, fixed white oil lights of less intensity will be shown. If diaphone becomes disabled, whistle will sound similar blasts.	198
Red and black horizontal bands with "Lurcher Shoal" in white. Iron buoy, with 10-inch whistle.	.....	1882	Whistle sounded by action of the waves.	Buoy lies 15 miles N.W. by W. $\frac{1}{2}$ W. from Cape Fourchu light. From the buoy Trinity buoy bears N.E. by E., $12\frac{1}{2}$ miles.	199

## NOVA

## ATLANTIC

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Lights.	Character of Illuminating Apparatus.	Height in feet of light above high water mark.	Miles seen in clear weather.
201	CAPE FOURCHU WHISTLING BUOY.	In 22 fathoms 5 miles N. W. by W. from Cape Fourchu Light.	43 48 50	66 16 1				
202	CAT ROCK BELL BUOY.	In 9 fathoms, 4 cables S. S. W. from Cat Rock	43 46 46	66 9 29				
204	YARMOUTH OR CAPE FOURCHU.	E. Cape, S. point	43 47 30	66 9 25	Gp. Rev. white, showing 3 flashes at intervals of 20 seconds, followed by an eclipse of 40 seconds. 3 flashes . . . . 40 sec. Eclipse . . . . 40 " Time of revolution. 80 "	C	117	18
205	BUNKER ISLAND.	On end of reef, off S. W. point of Island, E. side of entrance to Yarmouth Harbour.	43 48 36	66 8 42	F. Red.	C	31	10
208	YARMOUTH BELL BUOY.	In 10 fathoms off Yarmouth Sound.	43 44 0	66 10 47				
209	YARMOUTH FAIRWAY WHISTLING BUOY.	In 34 fathoms 10 miles S. W. by W. ½ W. from Cape Fourchu Light.	43 40 16	66 18 55				
211	GANNET DRY LEDGE BELL BUOY.	In 16 fathoms, 1 mile N. 73° W. from middle of ledge.	43 36 38	66 11 45				
212	CANDLEBOX ISLAND.	N. entrance, Schooner Passage.	43 39 34	66 2 45	F. Red.	D, 7	56	8
213	PEASES ISLAND.	On S. point, one of the Tusket Islands.	43 37 35	66 1 40	Alt. red and white, one minute, each colour visible 15 sec.; 45 sec. between flashes. A lower F. red light in window, 16 ft. below main light.	C	56	12
						C	40	4

SCOTIA—Continued.

COAST.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Red iron buoy with "Y'm'th N. W. F'y" in white letters, surmounted by 10-inch whistle.	.....	1894	Whistle sounded by action of the waves.	From the buoy Chegoggin Pt. bears E. by N. 4 $\frac{1}{2}$ miles.	201
Black iron buoy surmounted by a bell, "Cat Rock" in white letters on deck.	.....	1897	Bell rung by action of the waves.	From the buoy Cape Fourchu Light bears N. 22 $\frac{1}{2}$ ° E. $\frac{3}{4}$ mile, and the outer tangent of West Cape N. 11° W. 1 mile.	202
Vertical red and white stripes, octagonal, wooden tower; white, wooden dwelling near by.	59	1839 changed. 1892 Fog-alarm 1869	Whistle on W. side of cape sounds 10 seconds in every minute.	Life-boat station in Baker's Cove, just inside Hen and Chickens Shoal.	204
White, square, wood, on brown, circular, steel and concrete pier.	.....	1874	Bell gives one stroke every 15 seconds.	Visible from southward, between N.E., by N. and N. $\frac{3}{4}$ E. Also over Stanwood's Beach when bearing from S. $\frac{1}{2}$ E., to S.E. $\frac{1}{2}$ E., but cannot be run for on those bearings, only entrance to harbour being through Yarmouth Sound and round Cape East.	205
Red iron buoy with "Yarmouth F'w'y" in white letters on deck, surmounted by a bell.	.....	1890	Bell rings by the motion of the buoy on the waves.	From the buoy the "Roaring Bull" bears E. N. E., 1 $\frac{1}{2}$ miles; and Cape Fourchu light N. E. by N., 3 $\frac{1}{2}$ miles	208
Black and white striped buoy with "Y'm'th S. W. F'y" in white letters, surmounted by 10-inch whistle.	.....	1894	Whistle sounded by action of the waves.	From the buoy Green Island bears E. by S. 7 $\frac{1}{2}$ miles; Gannet Rock, S.E. by E. 7 $\frac{3}{4}$ miles.	209
Red, iron buoy, with "Gannet Ledge" in white letters on deck, surmounted by a bell.	.....	1903	Bell rung by motion of the buoy on the waves.	.....	211
White, square, wood, with dwelling attached. Iron lantern, red.	37	1893	Hand-horn answers signals from vessels.	Visible from all points seaward....	212
White, square, wood, with dwelling attached.	42	1879	Hand-horn answers signals from vessels.	Sea light, visible from all points of approach from southward; also through Schooner and Ellenwood Passages. Lower light marks channel between Old Man and Old Woman Rocks. Visible only between bearings W. by N. $\frac{1}{2}$ N. and N.W. by W.	213

## NOVA SCO

## ATLANTIC

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
215	PEASES LEDGE BELL BUOY.	In $9\frac{1}{2}$ fathoms S. E. by E. $\frac{2}{3}$ miles from Peases I. light.	43 37	2 65 59 0	.....	.....	.....	.....
217	SEAL ISLAND.....	S. point $\frac{1}{8}$ mile inland..	43 23 34	66 0 52	F. White.....	D. 2..	98	18
220	BLONDE ROCK WHISTLING BUOY.	In 13 fathoms, $\frac{1}{2}$ mile S. $\frac{1}{4}$ E. from the rock.	43 19 47	65 59 4	.....	.....	.....	.....
222	TUSKET RIVER.....	Big Fish Island, S.W. point.	43 42 10	65 57 10	Two F. white, 24 ft. apart horizontally.	C.....	50	12
223	ARGYLE.....	On S. point of Whitehead Island, Yarmouth County.	43 39 40	65 52 4	F. Red and white.	C.....	115	12
225	ABBOT HARBOUR....	On east side of harbour	43 39 25	65 49 36	F. white.....	D, p..	40	8
227	PUBNICO HARBOUR..	Beach Point, E. side of entrance, 120 yards from low water mark.	43 35 45	65 46 54	F. white.....	D, 7..	41	11
229	PUBNICO FAIRWAY WHISTLING BUOY.	In 15 fathoms, 6 miles S.W. by W., from Pubnico Harbour light.	43 31	6 65 52 5	.....	.....	.....	.....
231	BON PORTAGE BELL BUOY.	In 8 fathoms, $1\frac{1}{2}$ miles S. $17^{\circ} 15' W.$ , from Bon Portage I. light.	43 25 45	65 44 38	.....	.....	.....	.....
232	BON PORTAGE ISLAND.	On S. point.....	43 27 14	65 44 44	Rev. red, one minute.	C.....	46	12
233	STODDART ISLAND...	On N.W. point of Island.	43 28 26	65 43 7	F. red.....	C.....	22	9

## TIA—Continued.

## COAST—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Alternate white and black vertical stripes with "Peases Id. Fy." in white letters on the deck.	...	1898	Bell rung by action of the waves.	Guides vessels seeking the southern entrance to Schooner or Ellenwood passage. From the buoy White Head Island bears E. $\frac{3}{4}$ N., $5\frac{1}{2}$ miles.	215
White, octagonal, wood surmounted by metal lantern with red roof. Fog alarm building, long, white, rectangular, wooden structure.	60	1830 Fog- alarm 1870	Whistle sounds in each minute a blast of 5 seconds duration, and after an interval of 5 seconds another blast of 5 seconds.	Fog whistle building, 585 feet S. 26° W. from lighthouse.	217
Black iron buoy with "Blonde Rock" in white letters, surmounted by a 10-inch whistle.	.....	1882	Whistle sounds by action of waves.	From the buoy Seal Island light bears N. $\frac{1}{4}$ W.	220
White, square, wood	23	1864	.....	Visible from all points seaward; in bay windows in each gable of the dwelling house.	222
White, square, wood, with dwelling attached.	28	1874	.....	To guide into Argyle Harbour, shows red seaward, and white towards harbour.	223
Lantern on mast	28	1884	.....	.....	225
White, square, with dwelling attached. Wooden building surmounted by iron lantern.	40	1854 Im- prov'd 1889	Hand horn answers signals from vessels.	Open westward of St. Johns Island, bearing N. E. by N., clears the ledge; in making harbour from any other direction, the light must be brought to the northward of E. N.E. before it can be steered for to avoid shoal spot off St. Ann's Point.	227
Iron buoy, alternate black and white vertical stripes, with "Pubnico" in white and black letters, surmounted by a 10 inch whistle.	.....	1901	Whistle sounds by action of the waves.	From the buoy Whitehead I. light bears N. by E., $\frac{1}{4}$ E., $8\frac{1}{2}$ miles; Gull Ledge, N. $6\frac{1}{2}$ miles; and Pubnico Harbour light, N.E. by E., 6 miles.	229
Red iron buoy, with "Bon Portage" in white letters on deck.	....	1901	Bell rung by the action of the waves.	The buoy is moored S. 85° 30' W., $\frac{1}{4}$ miles, from West Head, Cape Sable I. light.	231
White, square, wood, with dwelling attached.	28	1874	Hand horn answers signals from vessels.	For guiding vessels into Barrington West Bay and Shag Harbour.	232
White, small, square tower.	21	1877	Hand horn answers signals from vessels.	To guide vessels into the anchorage of Stoddart Harbour and Shag Harbour Sound.	233

## NOVA SCO

## ATLANTIC

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
234	WOODS HARBOUR...	On Big Ledge, in harbour, Cockerwit Passage.	43 30 55	65 44 45	F. red.....	D, 7..	27	8
236	WEST HEAD, CAPE SABLE ISLAND.	On the Head .....	43 27 17	65 39 10	F. white.....	D, 7..	42	11
237	HOSPITAL REEF BELL BUOY.	In 8 fathoms, $\frac{1}{2}$ mile N. W. from extremity of reef.	43 26 40	65 40 12	.....	.....	.....	.....
239	CAPE SABLE.....	On Cape.....	43 23 19	65 37 15	Fl. white, flash every 5 seconds.	D, 3..	53	12
241	BARRINGTON EAST BAY LIGHTSHIP.	.....	43 31 5	65 34 25	Two, F. white and F. red, 21 feet apart vertically; red underneath.	D, p..	White 44 Red 23	12 6
243	BACCARO .....	On E. side of entrance to Barrington Bay.	43 26 54	65 28 12	Rev. white 30 seconds, shows 18 seconds, eclipsed 12 seconds.	C .....	49	12
244	BANTAM ROCKS WHISTLING BUOY.	$\frac{1}{4}$ mile S. W. of rocks, which lie $1\frac{1}{4}$ miles S. W. $\frac{1}{4}$ W. from Baccaro light.	43 25 38	65 29 8	.....	.....	.....	.....
246	BRAZIL ROCK BELL-BUOY.	In 21 fathoms $\frac{1}{2}$ mile S. 11' W. from the rock.	43 20 56	65 26 30	.....	.....	.....	.....
247	PAGE ISLAND. ....	On E. end of Island, entrance to harbour of Port Latour.	43 29 27	65 27 4	F. white.....	D, 7..	46	12
250	NEGRO ISLAND.....	On N. side .....	43 30 54	65 20 58	Alt. red and white one minute.	C .....	60	13
251	NORTHEAST HARBOUR.	Front range on E. side of harbour between Johns Point and Shingle Point.	43 32 44	65 23 34	F. white.....	C .....	34	11
252		Back light 850 feet N. W. from front one.	.....	.....	F. white.....	D, 7..	44	11
256	CAPE ROSEWAY.....	Near S. E. point of MacNutt Island, Shelburne Harbour.	43 37 15	65 15 45	Two F. white, 55 feet apart vertically.	C .....	( 120 65 )	( 17 13 )

TIA—Continued.

COAST—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, on concrete pier, red octagonal iron lantern.	28	1900	Hand horn answers signals from vessels.	Visible all around the horizon.	234
White, square, wood.	36	1888	Hand horn answers signals from vessels.	Visible from all points seaward.	236
Red, iron buoy, surmounted by a bell.	.....	1903	Bell rung by motion of the buoy on the waves.	.....	237
White, octagonal, wood.	50	1891 Fog-alarm 1876	Steam whistle sounds a blast of 10 secs. in each minute.	Whistle on southern point of Cape, elevated about 40 feet above high water.	239
Hull painted red, with word "Barrington" in white letters on both sides.	White 41 Red 20 above deck.	1875	Hand horn answers signals from vessels.	Moored in 6 fathoms, Wesses Ledge, S. W. by W. $\frac{1}{2}$ W., $\frac{3}{4}$ mile; Baccaro Light, S.S.E. $\frac{1}{4}$ E., 6 $\frac{1}{2}$ miles; Bantam Rocks, S. by E. $\frac{1}{2}$ E. 6 $\frac{1}{2}$ miles. To guide into Barrington Bay and through Barrington Passage.	241
White, with black ball seaward, square, wood.	35	1850 new lantern 1882	Hand horn answers signals from vessels.	.....	243
Red iron buoy with 10-inch whistle.	.....	1888	Whistle sounded by the motion of the waves.	.....	244
Black and red horizontal bands. Iron buoy surmounted by bell.	.....	1876	Bell rung by the motion of the waves.	From the buoy Baccaro Light bears N. 6 $\frac{1}{2}$ E. 6 $\frac{1}{2}$ miles; C. Sable Light N. 55° W., 8 miles.	246
White, with red iron lantern, square, wood, with kitchen attached	34	1890	Hand horn answers signals from vessels.	Visible from all points of approach.	247
White, octagonal, wood, with dwelling attached.	44	1872 re-built 1887	.....	Life-boat station at Blanche, between Negro Island and Baccaro Point.	250
White, square, wood.	34	1899	.....	Entering Negro Harbour by E. entrance, the two lights in one lead in clear of all dangers. Entering by W. entrance the back light only is visible. Brought to bear N. $\frac{1}{2}$ E., it leads up from Shag Rock through mid-channel.	251
White, square, wood.	44	1899	.....		252
Black and white vertical stripes, octagonal, stone.	77	1788 re-paired 1858	Trumpet, established 1884, sounds a blast of 10 seconds' duration every two minutes.	.....	256

## NOVA

## ATLANTIC

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
258	SAND SPIT .....	80 yards from extremity at E. side of entrance to Shelburne Harbour.	43 41 25	65 19 28	F. red.....	C ...	47	10
259	BULL ROCK BELL BUOY.	In 15 fathoms, $\frac{1}{4}$ mile S. 17° W. from rock.	43 37 35	65 8 2	.....	.....	.....	.....
260	RAGGED ISLAND HARBOUR.	Gull Rock .....	43 39 12	65 5 50	F. white.....	C ....	56	10
261	CARTER ISLAND.....	Ragged Island Harbour	43 42 15	65 6 00	F. red.....	D, 7..	66	8
262	LOCKEPORT WHISTLING BUOY.	Off the approach to Ragged Island Harbour.	43 37 28	65 1 44	.....	.....	.....	.....
263	LOCKEPORT FAIRWAY BELL BUOY.	In 12 $\frac{1}{2}$ fathoms 1 $\frac{1}{16}$ miles E. $\frac{1}{2}$ S. from Gull Rock light, and 3 $\frac{1}{2}$ miles S. $\frac{1}{2}$ E. from Carter I. light.	43 39 30	65 4 0	.....	.....	.....	.....
265	PORT HEBERT.....	On Shingle Point, E. side of harbour.	43 48 40	64 55 23	F. red.....	C ....	33	10
267	LITTLE HOPE SHOAL WHISTLING BUOY.	In 14 fathoms $\frac{1}{2}$ mile S. from middle of shoal.	43 47 10	64 49 44	.....	.....	.....	.....
269	LITTLE HOPE.....	Nearly on centre of island.	43 48 30	64 47 15	Gp. Rev. white, 3 flashes with intervals of 10 seconds followed by eclipse of 30 seconds. Revolution 50 seconds.	C ...	43	12
271	PORT MOUTON.....	N.E. point, Spectacle Island, Queens Co.	43 55 5	64 48 5	.....	C ....	47	11
273	FORT POINT.....	Liverpool Bay, S. entrance.	44 2 35	64 42 20	F. red.....	C ...	30	7

SCOTIA—Continued.

COAST—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, on white, square, concrete pier.	44	1873 reb't 1880	Hand horn answers signals from vessels.		258
Black, steel buoy, with "Bull Rock" in white letters on the top, surmounted by a bell.	.....	1904	Bell rung by motion of the buoy on the waves.		259
White, square, wood.	31	1853	Hand horn answers signals from vessels.		260
White, square, wood.	29	1872	Hand-horn answers signals from vessels.		261
Red iron buoy with letter L in white, surmounted by 10-inch whistle.	.....	1888	Whistle sounded by the motion of the waves.	From the buoy Carter Island light bears N. by W. $\frac{1}{4}$ W. $5\frac{1}{2}$ miles, Gull Rock Light N.W. $\frac{1}{4}$ N. $3\frac{1}{2}$ miles, and a N.N.W. course leads about midway between the $4\frac{1}{2}$ fathom patch and the Blow breaker up to S. end of Cranberry Island.	262
Red and black horizontal bands, with "Lockeport Fy," in white letters on the deck.	.....	1898	Bell rung by action of the waves.	A N.N.W. course from the buoy leads clear of all dangers up to the southern end of Cranberry Island, $2\frac{1}{4}$ miles distant.	263
White, square, wood, with dwelling attached.	20	1872			265
Red iron conical buoy, with "Little Hope Shoal" in white on side, surmounted by a 10-inch whistle.	.....	1900	Whistle sounded by action of waves.	From the buoy Little Hope light bears E. by N. $\frac{3}{4}$ E., $2\frac{1}{2}$ miles; Black Point extremity, N.E. by N., $3\frac{1}{2}$ miles; Joli Point N. $\frac{3}{4}$ W., $2\frac{1}{4}$ miles.	267
White, square, wood, metallantern, red, on roof of dwelling.	30	1865 changed 1889	Hand horn answers signals from vessels.	Visible around horizon.....	269
White, square, wood, surmounted by red, octagonal lantern, white dwelling near by.	20	1873		For guiding vessels into harbour... Life-boat station on N.W. end of Port Mouton Island.	271
White, square, wood, with dwelling attached.	17	1855	Hand horn answers signals from vessels.	Left on port side when entering the harbour.	273

NOVA  
ATLANTIC

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
274	BROOKLYN PIER.....	On inner end of break-water.	44 2 45	64 41 20	F. green.....	D, p..	30	4
276	LIVERPOOL WHISTLING BUOY.	In 20 fathoms in fairway off Liverpool.	44 0 20	64 36 55				
277	COFFIN ISLAND.....	S. point, Liverpool Bay	44 1 55	64 37 32	Rev. white, 2 min. Light 30 sec. Dark 90 "	C.....	65	16
279	PORT MEDWAY BELL BUOY.	In 14 fathoms $1\frac{3}{4}$ miles S.S.W. from breaker off approach to Port.	44 3 15	64 31 25				
280	MEDWAY HEAD.....	Port Medway, W. side of entrance.	44 6 10	64 32 15	F. white.....	C.....	44	10
281	PORT MEDWAY.....	On E. end of breakwater	44 7 58	64 34 20	F. red.....	D, 7..	31	6
285	LAHAVE BELL BUOY.	In 22 fms., 3 miles, S. by E. from Moser Island light.	44 11 30	64 16 30				
287	MOSER ISLAND.....	On Island, W. side of entrance to Lahave River.	44 14 15	64 18 50	F. red.....	C.....	55	8
288	LAHAVE.....	On Fort Point.....	44 17 16	64 20 55	F. red.....	C.....	48	8
290	WEST IRONBOUND ISLAND.	Near Cape Lahave, mouth of Lahave River.	44 13 42	64 16 20	Rev. white, 30 seconds.	C.....	72	13
291	LUNENBURG WHISTLING BUOY.	In 23 fms., $6\frac{1}{2}$ miles S.E. by S. $\frac{3}{4}$ S., from Battery Point light.	44 17 0	64 11 25				
294	BATTERY POINT.....	Entrance to Lunenburg Harbour.	44 21 45	64 17 35	F. red.....	C.....	91	11

SCOTIA—Continued.

COAST—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Lantern on a pole.....	25	Building 1878 mast 1889	.....	A red iron can buoy is moored off outer end of sunken pier, which must be left on starboard hand in entering Herring Cove.	274
Iron buoy painted white and black in vertical stripes, surmounted by 10-inch whistle.	.....	1883	Whistle sounded by action of waves.	From the buoy Coffin Island light bears N. $\frac{1}{2}$ E. 1 $\frac{1}{4}$ miles, Fort Point light N. W. $\frac{1}{4}$ N., and Western Head W. $\frac{3}{4}$ S. 2 $\frac{1}{4}$ miles. From buoy a course N.W. $\frac{3}{4}$ N. for 4 miles clears all danger to anchorage off Brooklyn pier.	276
Horizontal bands, red and white, eight in number, octagonal, wood.	50	1812	.....	.....	277
Alternate white and black vertical stripes, "Port Medway" on side.	.....	1888 changed 1898	.....	From the buoy a N. $\frac{3}{4}$ E. course will lead clear of the S. W. breaker up through the channel to the iron can buoy off Neil Point $\frac{1}{2}$ miles distant.	279
White, with black squares on seaward sides, square, wood.	23	1851	.....	The light is shown from a dormer on the dwelling house.	280
White, square, wood..	33	1899	.....	Visible from N.W. by W. $\frac{1}{2}$ W. through W. to S.S.E. In entering light is not opened until black can buoy marking extremity of Neil Point is reached.	281
Red iron buoy surmounted by bell.	.....	1886	Bell sounded by action of waves.	From the buoy, West Ironbound light bears N. N. E., 2 $\frac{1}{2}$ miles.	285
White, square, wood, lantern on roof of dwelling.	26	1868	Hand horn answers signals from vessels.	.....	287
White, square, wood, with dwelling attached.	35	1876	Hand horn answers signals from vessels.	.....	288
White, square, wood, with dwelling attached.	20	1855	.....	Near edge of cliff 40 feet high.....	290
Red and black horizontal bands. Iron buoy surmounted by 10-inch whistle.	.....	1891	Whistle sounded by action of waves.	From the buoy Cross Island light bears N. E. $\frac{3}{4}$ E., 2 miles; West Ironbound light, S. W. by W. $\frac{3}{4}$ W., 4 $\frac{1}{2}$ miles; Rose Point, N. W. $\frac{1}{2}$ W., $\frac{1}{2}$ miles.	291
White, square tower on dwelling.	24	1864	Hand horn answers signals from vessels.	.....	294

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ATLANTIC

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
295	CROSS ISLAND.....	E. point Lunenburg Bay	44 18 45	64 9 57	Gp. Rev. white, 3 flashes, 15 seconds apart, then an eclipse of 20 seconds, revolution in 1 minute.	C.....	100	15
297	HOBSON ISLAND.....	Mahone Bay.....	44 24 55	64 13 46	F. red.....	D. 5..	68	8
298	WESTHAVER ISLAND.	Mahone Bay.....	44 26 15	64 20 2	F. white.....	D, 7..	54	12
300	QUAKER ISLAND....	Off Chester.....	44 30 55	64 13 48	F. red.....	D, 7..	109	11
302	CHESTER, OR EAST IRONBOUND ISLAND	A little to eastward of centre of Island, in Mahone Bay.	44 26 24	64 4 50	F. white.....	C.....	150	16
303	GREEN ISLAND.....	Off St. Margaret and Mahone Bays.	44 22 57	64 2 45	Alt. Red and white Red.....52 sec. Eclipse...38 " White....52 " Eclipse...38 " Complete rev. 3 min	C.....	66	w 13 R 8
305	NORTHEAST SHOAL WHISTLING BUOY.	In 21 fathoms $1\frac{3}{5}$ miles E. by N. $\frac{1}{2}$ N. from the middle of N.E. Shoal.	44 25 54	64 0 2	.....	.....	.....	.....
306	HUBBARD COVE.....	On Green Point, W. side of entrance.	44 37 14	64 3 10	F. red.....	D, 7..	60	11
307	CROUCHER ISLAND...	In St. Margaret Bay..	44 38 24	63 57 20	F. white.....	D, 7..	90	15
308	INDIAN HARBOUR....	On S.E. extremity of Paddy Head Island.	44 31 20	63 56 37	F. white.....	D, p..	36	7
310	PEGGY POINT.....	E. side of entrance to St. Margaret Bay.	44 29 30	63 55 0	F. red.....	C.....	65	8
311	DOVER.....	On the S. end of Callaghan Island.	44 29 34	63 51 33	F. white.....	D, 7..	50	12

SCOTIA—Continued.

COAST—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Red, octagonal, wood; polygonal iron lantern red.	58	1832	Steam-horn sounds 20 seconds every 1½ minutes.	Visible from all points of approach by water. Pilots resort here, and vessels may take refuge in case of necessity.	295
White, square, wood.	29	1872			297
White, square, wood. Iron lantern, red, with dwelling attached.	27	1882 changed 1895			298
White, square, wood, with dwelling attached.	35	1883	Hand horn answers signals from vessels.	To guide into Chester Basin.....	300
White, oblong, wood. Square wooden tower, surmounted by iron lantern rising from roof of dwelling.	46	1871		Seen from all points of approach; the lantern alone is visible, building hidden by trees.	302
White, square, wood, with dwelling attached.	28	1874			303
Black iron buoy with "N. E. Shoal" in white letters.		1895	Whistle sounded by action of the waves.	Fairway buoy to indicate shoal. From the buoy a N.W. ¼ N. course leads into Mahone Bay and a N.E. by N. ¼ N. course leads into St. Margaret Bay clear of Horseshoe Ledge.	305
White, square, wood, dwelling attached.	42	1886			306
White, square, wood, dwelling attached.	40	1882			307
White, square, wood.	33	1901		Visible from all points of approach by water. To guide small vessels into harbour through channel between southern extremity of Paddy Head Island and Wreck Island.	308
White, square, wood.	26	1868		Lantern on dwelling.....	310
White, square, wood, surmounted by red iron lantern. Dwelling attached.	31	1892		Visible from all points seaward. To guide into Dover Harbour. Vessels running for it on a N.N.W. course will pass clear to W. of Shag Bay breakers and enter to E. of Fleming Island.	311

NOVA  
ATLANTIC

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
312	BETTY ISLAND.....	On Brig Point, near Prospect.	44 26 22	63 45 54	Rev. red, 2 minutes	C.....	75	14
313	TERENCE BAY.....	On Shipley Head, near Tenant Point.	44 27 40	63 42 10	F. red.....	D, 7.	57	8
315	PENNANT WHISTLING BUOY.	In 18 fathoms off Pennant Point.	44 24 20	63 39 32	.....	.....	.....	.....
316	PENNANT HARBOUR.	On a point on N. side of entrance to Pennant Cove.	44 28 15	63 37 40	F. white.....	C.....	37	7
317	SAMBRO HARBOUR.	On extremity of Bull Point, on S.W. side of entrance.	44 38 30	63 35 25	F. red.....	D, 7.	38	7
318	SAMBRO.....	Middle of Island.....	44 26 10	63 33 28	F. white.....	D, 2.	115	16
319	INNER SAMBRO ISLAND.	On western extremity..	44 27 14	63 35 20	F. white.....	D, 7.	45	8
321	SISTERS BELL BUOY.	In 22 fathoms S.E. by E. $\frac{1}{2}$ mile from the Blind Sisters.	44 26 13	63 31 12	.....	.....	.....	.....
322	SAMBRO AUTOMATIC WHISTLING BUOY.	In 25 fathoms near S. end of Sambro outer bank.	44 21 30	63 30 15	.....	.....	.....	.....
324	CHEBUCTO HEAD	Light on summit of head whistle in front of and below light.	44 30 4	63 30 50	Rev. white, one minute.	C.....	132	18
326	OUTER AUTOMATIC WHISTLING BUOY.	In 36 fathoms outside entrance.	44 28 25	63 22 10	.....	.....	.....	.....

HALIFAX HARBOUR AND APPROACHES.

SCOTIA—Continued.

COAST—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, with two horizontal red bands, square, wood, dwelling attached.	54	1875	.....	Coast light.	312
White, square, wood..	32	1885 Tower 1903	.....	Visible from all points of approach by water.	313
Black iron buoy with "Pennant" in white letters surmounted by 10-inch whistle.	....	1899	Whistle sounded by action of waves.	From the buoy the extremity of Pennant Point bears N.E. $\frac{1}{4}$ N. $1\frac{1}{2}$ miles; Shipley Head pole light, N. $\frac{1}{2}$ W., $3\frac{1}{4}$ miles; Bull Rock, E. N.E. 2 miles, and Sambro light, E. $\frac{1}{4}$ N., $4\frac{1}{4}$ miles.	315
White, square, wood..	33	1903	.....	Visible from seaward. When light is brought to bear N. 46° E. it will lead in clear of Broad Shoal, and to the eastward of Thrumcap and Pawson rock.	316
White, square, wood..	33	1899	.....	Visible from all points of approach by water. To guide small vessels to safe anchorage in harbour.	317
White, octagonal, wood	60	1758	Cotton powder signals exploded every 10 minutes.	Fog-signal derrick is erected on the seaward side of the lighthouse. Mariners cautioned against attempting to make Sambro in fog; signals maintained rather as warning to vessels that have lost their way.	318
Lantern on a white mast, white shed at base.	17	1900	.....	Fishing light, maintained only from 1st December to the 30th April.	319
Black iron buoy surmounted by a bell.	.....	1874	Bell rung by the action of the waves.	.....	321
Black and white vertical stripes, iron buoy, surmounted by a 10-inch whistle.	.....	1890	Whistle sounded by action of waves.	From this buoy Pennant Point bears N.W. by N. $\frac{1}{4}$ N., $7\frac{1}{2}$ miles; Sambro light N. $\frac{1}{2}$ W., $5\frac{1}{4}$ miles; Chebucto light, N. by E. $\frac{1}{2}$ E., $8\frac{1}{2}$ miles.	322
White, square, wood, with dwelling attached. Fog-whistle building red brick with slate roof.	22	1872 Fog- alarm 1891	Whistle 73 ft. above water, gives blasts of 10 seconds with intervals of 50 seconds.	.....	324
Black iron buoy, surmounted by a 10-inch whistle.	....	1878	Whistle sounded by action of waves.	From this buoy Sambro Island light bears W. $\frac{1}{4}$ N. $8\frac{1}{4}$ miles; Devil Island N. $\frac{1}{2}$ W. $7\frac{1}{2}$ miles; and Inner whistling buoy N.W. $\frac{1}{2}$ N. 6 miles.	326

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ATLANTIC

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
328	INNER AUTOMATIC WHISTLING BUOY.	In 20 fathoms N.E. 1 $\frac{1}{2}$ miles from Chebucto Head lighthouse.	44 31 40	63 29 50				
329	NEVERFAIL SHOAL GAS BUOY.	In 6 fathoms $\frac{1}{2}$ mile S. of middle of Neverfail Shoal.	44 33 20	63 30 50	F. white.....	D, gas acetylene.	9	4
330	THRUMCAP BELL BUOY.	In 10 fathoms off S. extremity of shoal.	44 33 57	63 29 51				
	THRUMCAP GAS BUOY.	In 10 fathoms S. of Thrumcap Shoal.	44 33 48	63 29 45	F. white.....	D, gas acetylene.	9	4
331	HERRING COVE..	On the western head of entrance.	44 33 57	63 32 58	F. red.....	D, p..	45	8
332	MAUGER BEACH..	Sherbrooke tower, E. side of entrance to Halifax Harbour.	44 36 5	63 31 40	Flashing white.... Flash ... 0.8 sec. Eclipse .67 "	D, 5..	58	12
333	MCNAB ISLAND.	$\frac{1}{2}$ mile, N. 16° E., from south point of Finlay Cove.	44 37 0	63 31 48	F. white.....	C ...	132	17
334	MIDDLE GROUND GAS BUOY.	In 6 fathoms $\frac{1}{10}$ mile S. of centre of middle ground W. of McNab Island.	44 36 30	63 32 30	F. white.....	D, gas acetylene.	9	4

HALIFAX HARBOUR AND APPROACHES.

TIA—Continued.

COAST—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Red iron buoy, surmounted by a 10-inch whistle.	.....	1877	Whistle sounded by action of waves.	From the buoy Sandwich Point bears N. $\frac{1}{2}$ W., $3\frac{1}{2}$ miles; Devil Island West lighthouse N. E. $\frac{3}{4}$ E., 3 miles, $5\frac{1}{2}$ cables; and a N. course will lead to the westward of the 32-foot patch, and to the eastward of the Neverfail buoy, clear of every danger up to Point Pleasant buoy.	328
Steel, cylindrical buoy, painted in red and black horizontal bands, surmounted by conical slatwork topmark and a lantern.	.....	1903	.....	.....	329
Red iron buoy, surmounted by a bell.	.....	1893	Bell rung by the action of the waves.	.....	330
Red, steel, cylindrical buoy, surmounted by a conical slatwork topmark and a lantern.	...	1903	.....	.....	.....
White, square, wood..	22	1886 changed 1894	.....	Lifeboat station in the cove.....	331
Stone, circular, white, with white roof, octagonal, iron lantern red. White wooden dwelling near tower.	48	1815 horn 1889 Whistle 1903	Fog whistle, operated by compressed air, sounds blasts of 5 seconds at intervals of 25 seconds.	When Sambro light bears W.S.W., this light should not be brought to the westward of north, which clears the Thrumcap Shoal. Passing Mauger Beach entering harbour keep the light on starboard bow.	332
White, square, wood, tower rising from middle of roof of dwelling.	49	1903	.....	Light visible in the line of range. To enter harbour, vessels of deep draught, after passing inside Chebucto head light, will haul up N. $16^{\circ}$ E. and bring Mauger beach and McNab Island lights in one. This course, N. $16^{\circ}$ E. is to be continued till it intersects the alignment of George Island and Dartmouth lights.	333
Steel, cylindrical buoy, painted in red and black horizontal bands, surmounted by conical slatwork topmark and a lantern.	.....	1903	.....	.....	334

NOVA

ATLANTIC

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
335	GEORGE ISLAND.	On W. Side of Island in Halifax Harbour.	44 38 30	63 33 25	Rev. red, 10 secs.	C	50	8
336	DARTMOUTH.	Tower of Dartmouth exhibition building.	44 40 3	63 34 34	F. red.	C	140	12
337	PLEASANT SHOAL BELL BUOY.	In 10 fathoms, off E. extremity of shoal.	44 36 59	63 33 14				
	CHEBUCTO HEAD.	See No. 324 above.						
338		{ On S. point of island.	44 34 50	63 27 15	F. white.	C	59	13
	DEVIL ISLAND.	{						
339		{ 175 yards W. $\frac{3}{4}$ S. from higher light.			F. white.	C	52	12
342		{ Front light on pier on Shag Ledge.	44 41 42	63 4 25	F. red.	D, p.	19	4
343	MUSQUODOBOIT HARBOUR.	{ Back light on French Point, Kent Island, about $\frac{1}{2}$ mile N. 31° E. from front light.			F. red.	D, p.	59	4
345	JEDDORE ROCK.	On summit of rock about 22 miles east of Halifax.	44 39 45	63 0 22	F. red.	C	86	12
346		{ On W. side of entrance to harbour, between West Head and Marsh Point.	44 42 46	63 0 30	F. white.	C	41	9
347	JEDDORE HARBOUR RANGE.	{ Backlight 850 feet, N. 8° E. from front.			F. white.	C	105	16

SCOTIA—Continued.

COAST—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wooden tower, with black diamond on south side; red, iron lantern. Tower and fog bell on west side of dwelling.	35	1876 reb't 1903	Bell strikes 7 times a minute at equal intervals.	George Island light visible from all points of approach. Dartmouth light visible in the line of range. Proceeding inwards from the intersection of the alignment of Mauger beach and McNab Island lights with the alignment of George Island and Dartmouth lights, keep George Island and Dartmouth lights in one bearing N. 1° E. This leads well clear of the Middle Ground and Point Pleasant shoal.	335
White, wooden tower of exhibition building, with black diamond on south side of tower; white, wooden lantern.	70	1903			336
Black, steel buoy, with "Pt. Pleasant" in white letters, surmounted by a bell.	.....	1903	Bell rung by motion of the buoy on the waves.		337
White, octagonal, wood	53	1877		Pilots are stationed here. The eastern light, open to southward of western light, clears to southward of Thrumcap Shoal.	338
White, octagonal, wood	45	1852		Lifeboat station at N.W. end of island.	339
White, square, wood, lantern roof red; square, concrete pier.	20	1904		Lights visible from all points of approach by water. Mariners should enter by channel to eastward of Musquodoboit ledge and Harbour islet, avoiding Bull reef and Harbour islet shoals by keeping Jeddore rock light astern and just seen over the saddle of Jeddore head, until they reach the alignment of the range lights N. 31° E., which course should be followed until the buoys marking the shoal off Steering beach are passed. Lights maintained only from 1st April to 31st December.	342
White, square, wood, lantern roof red.	54	1904			343
White, square, wood, dwelling attached.	50	1881			345
White, square, wood..	33	1901		The two lights in one, bearing N. 8° E., lead into entrance of harbour. The red conical buoy at Bar Shoal shows where vessels should leave alignment and shape a course N. 45° E up the stretch leading to Marsh Point.	346
White, square, wood..	28	1901			347

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ATLANTIC

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
349	EGG ISLAND.....	Centre of island.....	44 39 49	62 51 30	Gp. Rev. white, 3 flashes, 15 seconds apart, then an eclipse of 30 seconds, revolution in 1 minute.	C.....	80	15
350	EGG ISLAND WHISTLING BUOY.	In 37 fathoms S. 5 miles from Egg Island lighthouse.	44 35 20	62 49 5	.....	.....	.....	.....
352	WOLF POINT.....	N. E. point of Nichol Island, W. side entrance to Ship Harbr	44 44 54	62 45 4	F. white.....	D, 7..	87	15
353	POPE HARBOUR.....	On W. point of Harbour Island.	44 47 40	62 38 50	F. red.....	C.....	45	9
355	SPRY BAY BELL BUOY	In 15 fathoms off entrance.	44 45 40	62 33 20	.....	.....	.....	.....
357	SHEET HARBOUR WHISTLING BUOY.	In 24 fathoms S. by W. $\frac{1}{2}$ W., $5\frac{1}{2}$ miles from lighthouse.	44 44 30	62 28 37	.....	.....	.....	.....
358	SHEET ROCK.....	Entrance to Sheet Harbour.	44 49 55	62 29 23	Rev. red, 40 seconds.	C.....	75	10
360	SHEET HARBOUR PASSAGE.	In dormer window of James Wambold's house.	44 51 30	62 26 33	F. red.....	C.....	42	5
361	BEAVER HARBOUR BELL BUOY.	Off harbour in 30 fathoms.	44 48 0	62 17 42	.....	.....	.....	.....
363	BEAVER ISLAND.....	S. E. part of East Beaver	44 49 34	62 20 10	Rev. white, 45 seconds.	C.....	70	12
364	BEAVER HARBOUR...	On E. end of Beaver Point.	44 52 23	62 23 40	F. red.....	D, p..	40	6
367	LISCOMB FAIRWAY WHISTLING BUOY.	In 28 fathoms off Liscomb Island.	44 55 6	61 54 15	.....	.....	.....	.....

SCOTIA—Continued.

COAST—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Black and white vertical stripes on seaward side, octagonal wood.	45	1865	Hand horn answers signals from vessels.	Visible around horizon.....	349
Red iron buoy, surmounted by a 10-inch whistle.	.....	1893	Whistle sounded by action of waves.	From the buoy, Jeddore lighthouse bears N.W. $\frac{1}{2}$ N., $9\frac{1}{2}$ miles. The buoy is a leading or fairway buoy for vessels seeking the entrance to Halifax Harbour.	350
White, square, wood, with dwelling attached. Iron lantern red.	35	1895	.....	.....	352
White, square, wood, dwelling attached.	37	1877	.....	.....	353
Red iron buoy with "Spry Bay" in white letters on the deck.	.....	1895	Bell rung by action of the waves.	Fairway buoy. From the buoy Taylor Hd. bears N. E. $\frac{1}{4}$ N. distant $1\frac{1}{8}$ miles, and Maloney Rock N. $\frac{3}{4}$ W. distant 2 miles.	355
Red and black vertical striped iron buoy.	.....	1885	Whistle sounded by action of waves.	.....	357
White, square, wood, with dwelling attached.	41	1879	.....	Light seen from N. W. $\frac{3}{4}$ W. round through N. to N. E. by E. $\frac{3}{4}$ E. Rock lies nearly in mid channel of harbour entrance, its western end partly awash, distant 350 yards from lighthouse.	358
White, square, wooden dwelling.	20	1887	.....	Visible from seaward between N. and N. by E. $\frac{3}{4}$ E.	360
Iron buoy, black and white vertical stripes, surmounted by bell.	.....	1900	Bell rung by motion of buoy on waves.	From the buoy Beaver Island light bears N.W. by N. $\frac{3}{4}$ N., $2\frac{1}{2}$ miles; and William Shoal, N.W., $\frac{1}{2}$ mile.	361
White, with two black balls to seaward, S. S. W.	35	1846	.....	On dwelling.....	363
Lantern on mast, with white shed at base.	25	1887	.....	.....	364
Iron buoy, alternate black and white vertical stripes, with "Liscomb" in white.	.....	1899	.....	Liscomb Light bears N. $\frac{3}{4}$ W. 5 miles; and Wedge Island Light N.E. $\frac{3}{4}$ N. $5\frac{3}{4}$ miles.	367

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ATLANTIC

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
368	LISCOMB .....	On island .....	44 59 20	61 57 55	Alt. red and white 2 minutes.	C .....	64	13
371	WEDGE ISLAND.....	Mouth St. Mary River.	45 0 35	61 52 23	Rev. red, 3 minutes. Shows 1 minute, eclipsed 2 minutes.	C .....	81	12
374	PORT BICKERTON....	Near western extremity of Barachois point.	45 5 30	61 42 4	F. white.....	D, p..	43	7
376	ISAAC HARBOUR WHISTLING BUOY.	In 25 fathoms $\frac{3}{4}$ miles S.W. by S. $\frac{1}{4}$ S. from Country Harbour light.	45 2 20	61 32 37	.....	.....	.....	.....
377	ISAAC HARBOUR.....	On W. side of harbour, about $\frac{1}{2}$ mile S. from Holly Point.	45 10 0	61 39 12	Two F. white, 20 feet apart vertically.	C .....	80	9
379	COUNTRY HARBOUR.	On Green Island, Guysborough County.	45 6 8	61 32 30	F. white.....	C .....	51	12
380	NEW HARBOUR HEAD BELL BUOY.	In 10 fathoms, $\frac{1}{2}$ mile S. 22° W. from S. extremity of head.	45 8 36	61 28 7	.....	.....	.....	.....
381	TORBAY.....	On eastern point of Berry Head, W. side of entrance to Bay, Guysborough County.	45 11 37	61 18 35	F. red and white..	C .....	51	10
383		Front light on extremity of point on W. side of harbour.	45 14 48	61 19 54	F. white.....	C .....	28	3
384	CHARLO HARBOUR...	Back light 742 feet N.W. $\frac{1}{4}$ W. from front light.	.....	.....	F. white.....	C .....	51	3

SCOTIA—Continued.

COAST—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood..	28	1872	.....	.....	368
White, square, wood, with dwelling attached.	44	1879	Hand horn answers signals from vessels.	.....	371
White, square, wood..	23	1901	.....	Visible from all points of approach by water.	374
Red iron buoy, with "Isaac Harbour" in white.	.....	1891	Whistle sounds by action of waves.	From the buoy Country Harbour (or Green Island) light in line with Tom-cod Rock, bears N.E. by N. $\frac{1}{2}$ N., 3 $\frac{1}{4}$ miles; W. tangent of Barachois Head in line with Middle Ledge or South-easter, bears N. W. $\frac{1}{2}$ N., 7 $\frac{1}{4}$ miles. A N. by W. course will lead from buoy to Ragged Point, 9 miles.	376
White, square, wood, with dwelling attached.	20	1874	Hand horn answers signals from vessels.	.....	377
White, square, wood, dwelling attached.	28	1873	.....	Coast light and to guide vessels frequenting Country and Fisherman Harbours.	379
Red, iron buoy, with "New Har. Hd." in white letters on the deck, surmounted by a bell.	.....	1903	Bell rung by motion of the buoy on the waves.	.....	380
White, with vertical red stripes, wood. Top of lantern black.	36	1876	.....	Shows red to seaward, white to northward into bay and towards Molasses Harbour.	381
White, square, wood..	23	1901	.....	Lights visible in and over small arc on each side of line of range. In entering keep Cole harbour red range lights in one till alignment is intersected by that of Charlo harbour range lights; from that point the Charlo harbour range lights in one will lead in clear of reefs off Forsters Island.	383
White, square, wood..	23	1901	.....		384

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## ATLANTIC COAST AND

No.	Name.	Location	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
385	COLE HARBOUR....	North side of entrance to harbour, 65 feet from water's edge.	45 15 45	61 17 0	F. red.....	D 7..	40	8
386					650 feet N. 33° E. from front light.	F. red.....	C....	107
388	PORT FELIX... ..	S.E. end of Hog Island	45 13 54	61 13 0	F. white.....	D, 7..	42	8
390	THREE TOP ISLAND..	S.E. point of island, entrance to Whitehaven.	45 12 40	61 9 40	F. white.....	C....	48	11
392	WHITEHEAD ISLAND.	S.W. extremity of island, Guysborough County.	45 12 0	61 8 15	Rev. white, 20 seconds flash, 10 seconds eclipse.	C....	55	11
393	WHITEHEAD WHISTLING BUOY.	In 30 fathoms, 2½ miles S. by W. from Whitehead island lighthouse.	45 9 35	61 7 18				
395	SABLE ISLAND. {	WEST END. .... 1½ miles eastwardly from extremity of west dry spit.	43 56 38	60 6 39	Gp. Rev. white, 3 flashes at intervals of ½ minute followed by eclipse of 1½ minutes.	C....	118	16
397								
399	CAPE BREAKER BELL BUOY.	In 14 fathoms, 4 cables E. S. E. from middle of shoal.	45 18 20	60 54 0				
400	CRANBERRY ISLAND..	N. part of island, off Cape Canso.	45 19 45	60 55 25	Main light, F. white.	D. 3..	89	15
					Lower light F. white, 35 feet below main.	D. 7..	54	12

SCOTIA—Continued.

APPROACHES TO CAPE BRETON.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood..	33	1898	.....	After passing Berry Head, the lights in one lead into Cole Harbour to the westward and clear of Topsham ledge and Seal Rocks.	385
White, square, wood..	33	1898	.....		386
Lantern rising from roof of white, square, wooden dwelling.	37	1902	.....	Visible from all points of approach by water. Light is to be run for bearing N. 22½° E. to clear outlying shoals. From the light a more easterly course leads into harbour.	388
White, square, wood, with dwelling attached.	32	1879	.....	To guide vessels into Whitehaven. To point out dangers on N. side of W. passage: light is obstructed when bearing to eastward of N. E. by E., visible from all other points, except when intercepted by high land of Whitehead Island.	390
White, pyramidal, wood, octagonal lantern.	35	1854	.....	Life-boat station on Deming Point, western entrance to Whitehead.	392
Iron buoy painted in alternate white and black vertical stripes, with "Whitehead" in black and white letters on the side, surmounted by a 10-inch whistle.		1901	Whistle sounded by action of the waves.	To act as a fairway buoy for vessels proceeding along the coast, or seeking an entrance to Whitehaven. The course in to Whitehaven will be N. ½ E. from the buoy; this will lead 2½ cables to eastward of S.W. Bull rock.	393
White, octagonal, wood, surmounted by an iron lantern with red roof, white wooden dwelling near by.	98	1873 mov'd 1888	.....	A dangerous submerged bar extends 17 miles northwestwardly and westwardly beyond the west light, and another at least 14 miles eastwardly beyond the east light.	395
Sides of octagonal wooden tower alternately white and brown, metal lantern.	86	1873	.....	There are six relief stations on the Island connected by telephone and patrols, and three life saving stations.	397
Black iron buoy, with "C. Breaker" in white letters on the deck. Surmounted by a bell.		1894	.....	To act as a fairway buoy for vessels making Canso Harbour from southward. From the buoy a N. W. by N. ¼ N. course will lead up to, and about ¼ a cable to eastward of, Man of War Rock, distant 2½ miles.	399
Red and white horizontal bands, octagonal, rising above the roof of a white dwelling, with red roof, attached.	78	1815 re- built 1883 Fog alarm 1864	Steam-horn sounds a blast of 8 secs. in each minute.	Upper light visible all round, lower one does not show to vessels passing between it and coast.	400

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## ATLANTIC COAST AND APPROACHES

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
401	GRIME SHOAL WHISTLING BUOY.	In 20 fathoms, 1½ miles, E.S.E. of shoal.	45 21 13	60 50 45	.....	.....	.....	.....
404	CANSO HARBOUR....	On Hart or Cutler Island.	45 20 47	60 59 5	F. red.....	C.....	42	12
405	FALSE PASSAGE LEDGE.	N. entrance to Canso harbour, ¼ mile N. 73° W. from Hart I. lighthouse.	45 20 48	60 59 26	F. green.....	D, p..	25	4
406	CANSO HARBOUR FAIRWAY BELL BUOY.	Off N. entrance in 13 fathoms. ¼ mile N. 13° E. from Hart Island light.	45 21 36	60 59 23	.....	.....	.....	.....
408	QUEENSPORT.....	On Rook Island, Chedabucto Bay.	45 21 5	61 16 0	F. white.....	D. 7..	50	12
409	GUYSBOROUGH HARBOUR.	W. side of entrance, near Peart Point, Chedabucto Bay.	45 22 46	61 29 4	F. white.....	C.....	30	8
411	GUT OF CANSO. } EDDY POINT....	Or Sand Point, S. entrance of Gut of Canso.	45 31 30	61 14 40	F. white.....	D. 5..	55	12
414			POINT TUPPER..	Ship Harbour, or Port Hawkesbury.	45 36 30	61 22 0	F. red.....	C.....

## CAPE BRETON

418	MADAME ISLAND. }	CREIGHTON HEAD.	On the N. extremity...	45 30 40	61 6 0	Rev. white, 40 seconds.	C.....	29	10
		NORTH CANSO..	See below, No. 555.						
421	MADAME ISLAND. }	JERSEYMAN ISLAND.	Arichat Harbour.....	45 30 20	61 3 10	F. red.....	D, 7..	39	11
424		ARICHAT.....	Marache Point, S. entrance to Arichat Harbour.	45 29 0	61 1 50	F. white.....	C.....	34	8
428		PETITDEGRAT...	On Mouse Island, Petitdegrat Inlet.	45 29 54	60 57 24	F. red.....	D, 7..	38	7

SCOTIA—Continued.

TO CAPE BRETON—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Iron buoy surmounted by 10-inch whistle.		1880	Whistle sounded by action of the waves.		401
White, square, wood, dwelling attached.	28	1872	Hand horn answers signals from vessels.		404
Lantern on a pole on square, concrete pier.		1902		Visible from all points of approach by water. Light maintained only during November, December and January.	405
Iron buoy, alternate black and white vertical stripes, surmounted by bell.		1900	Bell rung by motion of buoy on waves.	To guide vessels into harbour through N. entrance.	406
White, square, wood, dwelling attached.	40	1882	Hand-horn answers signals from vessels.	Harbour light.	408
White, square, wood.	20	1846			409
White, with black diamond on seaward face. Square, wood, iron lantern painted red. Dwelling attached.	44	1851 changed 1895	Hand horn answers signals from vessels.		411
White, square, wood, with dwelling attached.	34	1870			414

ISLAND.

White, square, wood.	20	1874		For guiding vessels into Little or West Arichat.	418
White, square, wood, with dwelling attached.	28	1872	Hand horn answers signals from vessels.	There is a range beacon on the S.E. point of Jerseyman Island that marks Hautfond Shoal, off entrance to harbour.	421
White, square, wood.	25	1851	Hand horn answers signals from vessels.		424
White, square, wood, dwelling attached.	31	1877		Visible from all points of approach by water.	428

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## CAPE BRETON

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
429	GREEN ISLAND.	Summit of island . . .	45 28 50	60 53 40	Alt. red and white, 45 seconds.	C . . . .	70	14
430	CAPE LA RONDE.	W. side of entrance to St. Peter Bay.	45 34 45	60 53 0	Fl. white . . . . . Flash $\frac{3}{4}$ sec. Eclipse $6\frac{1}{4}$ sec. In every $7\frac{1}{2}$ sec.	D, 5 . . .	92	15
432	GRANDE DIGUE.	On beach, near wharf, Lennox Passage.	45 35 51	61 1 5	F. red . . . . .	D. p. . . .	30	5
433	SEAL OR DOG ISLAND.	Lennox Passage. . . . .	45 35 31	61 4 0	F. red . . . . .	D. p. . . .	34	5
434	GLASGOW POINT.	Lennox Passage. . . . .	45 34 0	61 7 50	F. red . . . . .	D, 7 . . .	65	8
435	POULAMON . . . . .	On Hawk Islet, at entrance to Poulamon Bay.	45 35 48	60 59 29	F. white . . . . .	D, 7 . . .	34	7
436	OUETIQUE ISLAND.	On S. point . . . . .	45 36 40	60 57 15	F. red . . . . .	D, 7 . . .	78	9
437	BOURGOIS INLET.	On extremity of point on E. side of entrance to inlet.	45 37 41	60 56 35	F. white . . . . .	D, 7 . . .	25	10
439	JEROME POINT.	St. Peter Bay, near entrance to canal.	45 39 5	60 52 0	F. red . . . . .	C . . . .	56	10
	EDDY POINT . . . . .	See above, No. 411.						
443	ST. ESPRIT ISLAND.	E. end of Island . . . . .	45 36 30	60 29 10	Rev. white, 30 secs.	C . . . .	78	14
445	FOURCHÉ BELL BUOY	In $12\frac{1}{2}$ fms. off Fourché Inlet, $\frac{1}{2}$ mile S. from extremity of Fourché Head.	45 43 15	60 13 10				

SCOTIA—Continued.

ISLAND—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, light in centre of keeper's dwelling.	31	1865	.....	Visible around horizon.....	429
White, square, wood, dwelling attached.	28	1874	.....	Visible from all points of approach by water. To guide vessels into St. Peter Bay	430
Lantern on mast, with white shed at base.	25	1884	.....	} Marking the principal turning points in Lennox Passage.	432
Lantern on mast, with white shed at base.	25	1884	.....		433
White, square, wood, with dwelling attached. Iron lantern red.	32	1884 Tower 1896	.....		434
Lantern rising from roof of white, square, wooden dwelling.	30	1901	Hand horn answers signals from vessels.	Visible from all points of approach by water. To guide into Poulamon Bay, and through Lennox Passage.	435
White, square, wood, dwelling attached.	28	1874	Hand horn answers signals from vessels.	To guide through Lennox Passage..	436
White, square, wood..	27	1903	.....	Visible from all points of approach by water.	437
White, square, wood, dwelling attached.	40	1883	Hand horn answers signals from vessels.	To lead vessels up the bay to canal.	439
White, with two red bands, square, wood, with dwelling attached.	55	1880	.....	Bad Neighbour Shoal, S. W. $\frac{1}{2}$ W. 1 $\frac{1}{2}$ miles from this light.	443
Red iron buoy surmounted by bell.	.....	1881	.....	For benefit of fishermen.....	445

## NOVA

## CAPE BRETON

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
447	GUION ISLAND.....	About 230 yards from W. end of Island.	45 46 10 60	6 30	Rev. red, 30 secs.	C.....	74	12
449	GABARUS.....	On Harbour Point, S. shore of bay.	45 50 40 60	8 30	F. red .....	D, 7..	47	8
451	LOUISBURG WHISTLING BUOY.	In 36 fms., 3 miles S.E. by S. $\frac{1}{2}$ S. from Louis- burg light.	45 52 43 59	53 44	.....	.....	.....	.....
452	LOUISBURG BELL BUOY.	In 13 fathoms $1\frac{1}{2}$ cables E. from centre of Har- bour Shoal.	45 54 13 59	56 30	.....	.....	.....	.....
453	LOUISBURG.....	N. side of entrance to harbour, 120 yards in- shore of point.	45 54 35 59	57 15	F. white.....	C.....	85	16
454	LOUISBURG RANGE.	Front range on W. side of harbour.	45 54 15 59	59 6	F. red.....	D, 7..	26	7
455		Back range 1,330 feet N. $67^{\circ}$ W. from front light.	.....	.....	F. red.....	C.....	54	7
456		On outer end of the more easterly of the two long coal wharves.	45 55 12 59	57 53	F. red, electric.....	.....	43	5
457	COAL WHARVES RANGE.	Back light 2,060 ft. N. $33^{\circ} 45'$ E. from front light.	.....	.....	F. red, electric.....	.....	85	5
459	LITTLE LORRAINE....	Extremity of W. head- land at entrance to harbour.	45 57 15 59	51 20	F. white.....	D, 7..	76	9
462	MAIN-À-DIEU. ....	On S. side of W. point of Scattarie Island.	46 0 30 59	47 30	F. red.....	C.....	90	10
464	SCATTARIE.....	N.E. point of Trap Rock.	46 2 15 59	40 15	Rev. white $1\frac{1}{2}$ min- utes; visible a minute, eclipse half a minute.	C.....	90	15

SCOTIA—Continued.

ISLAND—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, dwelling attached.	54	1877			447
White, hexagonal, wood, iron lantern red.	32	1890		Visible from all points of approach.	449
Red iron buoy, surmounted by 10 inch whistle.		1881	Whistle sounded by action of waves.	Vessels entering Louisburg can make the whistling buoy and then steer N. W. by N. $\frac{1}{2}$ N. for the light on lighthouse point. This will bring them to the bell buoy, which they should round leaving it on the port hand.	451
Black iron buoy with "Louisburg" in white letters on deck.		1895	Bell rung by action of the waves.	Fairway buoy. Light bears N.W. by N. $\frac{1}{2}$ N. $\frac{6}{7}$ mile. Leaving buoy $\frac{1}{2}$ cable on port hand a N.W. by W. course leads in one cable south of Nag Rock.	452
White, with a black vertical stripe on each side of wooden dwelling, iron lantern on roof	35	1842	First order siren, operated by compressed air. The siren will give blasts of low and high notes alternately, thus: Low note $2\frac{1}{2}$ secs.; silent $2\frac{1}{2}$ secs.; high note $2\frac{1}{2}$ secs.; silent interval $112\frac{1}{2}$ secs.	The siren, established in 1902, is situated on edge of cliff, 400 feet S. 60° E. from lighthouse.	453
White, square, wood..	28	1897		The two lights in one lead into the S.W. arm clear of all dangers.	454
White, square, wood..	28	1897			455
antern on a white pole.		1900		Visible from all points of approach by water. In northern portion of Louisburg Harbour. Maintained by Dominion Coal Company. The two lights in one, bearing N. E. by N., lead to wharves from intersection with Government Range. Deep-draught vessels entering should keep on alignment of Louisburg Range, W. N. W., till they have brought coal wharves range in one. Back light visible in line of range.	456
Lantern on a white pole.		1900			457
White, octagonal, wood; red octagonal iron lantern.	32	1900		Visible from all points of approach by water. Maintained only from 1st May to 1st December.	459
White, square, wood, dwelling attached.	40	1871			462
White, octagonal, wood, roof of iron lantern red. White wooden dwelling with brown roof, W. of tower.	70	1839	Whistle sounds two blasts of 5 seconds with an interval of 10 seconds, in every minute.	The light should never be brought to bear to eastward of N.N.E., or to southward of S.S.W., nor approached nearer than $1\frac{1}{2}$ miles. Lifeboat station.	464

## NOVA

## CAPE BRETON

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.	
467	FLINT HEAD.....	On Island.....	46 11	0 59 45 55	Rev. white, 15 secs.	C....	65	12	
470	LINGAN HEAD.....	N. side of entrance to Bridgeport Harbour.	46 14 10 60	2 10	F. red.....	C....	50	10	
471	LOW POINT.....	Flat point, E. side of entrance to Sydney Harbour.	46 16 12 60	7 22	F. white.....	C....	70	14	
472	SYDNEY BAR.....	On W. end of S.E. bar.	46 12 26 60	12 39	F. red.....	C....	30	10	
473	SYDNEY NORTH BAR.	Electric light to be established.	.....	.....	.....	.....	.....	.....	
477	POINT ACONI WHISTLING BUOY.	In 15 fathoms, about 1½ miles N.73° E. from extremity of point.	46 21 43 60	15 22	.....	.....	.....	.....	
478	POINT ACONI.....	On high cape, N. side of entrance to Little Bras d'Or.	46 19 30 60	17 10	F. red.....	C....	91	11	
480	BLACKROCK POINT..	S. side of entrance to Big Bras d'Or.	46 18 30 60	23 20	F. white.....	C....	45	12	
For next coast lights see No. 520.									
482	GREAT BRAS D'OR.	Front light on Noir Point.	46 17 32 60	24 37	F. white.....	D, 7..	41	11	
483		GREAT BRAS D'OR RANGE	Back light 1,689 ft. S. 65° 15' W. from front light.	.....	F. white.....	C....	63	13	
484		MENRIL BEACH.	On N. side of Boularderie Island.	46 13 55 60	29 15	F. red.....	D, p..	33	8
486	S. PATRICK CHANNEL.	MCKENZIE POINT	N. side of Great Bras d'Or, about 2 miles S.W. of Port Bevis.	46 7 15 60	39 0	F. white.....	C....	95	15
490		KIDSTON ISLAND	On N.E. point, at entrance to Baddeck Harbour.	46 5 58 60	44 20	F. red.....	C....	31	7
493	S. PATRICK CHANNEL.	LITTLE NARROWS	At eastern entrance...	46 0 0 60	58 25	F. white.....	C....	40	10
494		WHYCOCOMAGH..	On Fraser Point, N. side of Channel.	45 57 57 61	4 30	F. red.....	D, p..	31	7

SCOTIA—Continued.

ISLAND—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, octagonal, wood, dwelling near by.	43	1856	.....	Visible around horizon.....	467
White, square, wood..	20	1874	.....	.....	470
Vertical red and white stripes, octagonal, wood. Fog alarm building, white, rectangular, wood, with a red roof.	51	1832 Whistle 1903	Steam whistle, 60 ft. above the water, sounds blasts of 10 seconds' duration every minute.	Marine telegraph and signal station. Fog alarm building stands to the westward of lighthouse.	471
White, square, wood, dwelling attached.	20	1872	.....	Roman Catholic Church near N.W. Bar, bears N. W. $\frac{1}{2}$ N. $1\frac{1}{2}$ miles, and that near Gillivray Point E. N.E. easterly.	472
.....	.....	.....	.....	.....	473
Black, iron, conical buoy, with "Point Aconi" in white letters, surmounted by a 10-inch whistle.	.....	1902	Whistle sounded by action of the waves.	.....	477
White, square, wood, with dwelling attached.	20	1874	.....	For guiding vessels into Little Bras d'Or.	478
White cross on red ground, square, wood	23	1868	.....	.....	480
White, square, wood..	31	1903	.....	Front light visible from all points of approach by water.	482
White, square, wood..	46	1903	.....	Back light visible in the line of range. Lights in one bearing S. 55° 15' W. lead into Great Bras d'Or, and should be kept in one to within 4 cables of front light, whence course through narrows is S. 75° W. with Blackrock point and Table head in one astern.	483
Lantern on mast, with white shed at base.	25	1884	.....	.....	484
White, square, wood, dwelling near by.	30	1874	.....	.....	486
White, square, wood...	33	1875	.....	.....	490
White, square, wood..	35	1881	.....	.....	493
Lantern on mast, with white shed at base.	25	1884	.....	.....	494

## NOVA

## CAPE BRETON

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
496	GILLIS POINT.....	On W. side of entrance to Boulaceet Harbour on northern side of Little Bras d'Or Lake	46 1 32	60 46 18	F. white.....	D, 7..	74	14
497	IONA..	On Uniacke Point, N. side of Grand Narrows.	45 57 54	60 48 2	F. white.....	C...	29	10
498	GRAND NARROWS BRIDGE.	On centre of swing of bridge joining the extremities of Uniacke and Kelly Points.	45 57 42	60 47 33	F. red, green and white.	D, p.....	.....	.....
499	PIPER COVE....	On western bend of Derby Point, Grand Narrows.	45 56 30	60 47 46	F. red.....	D, 7..	77	11
501	CAMPBELL ISLAND.	On eastern side of island, W. side of entrance to McKinnon Harbour.	45 54 46	60 55 54	F. white.....	D, p..	30	10
505		Front light on N. side of Cove, N. side of West Bay.	45 49 35	61 1 47	F. red.....	C.....	46	8
506	CLARKE COVE...	Back light on side of Marble Mountain 800 feet N. 42° W. from front light.	.....	.....	F. red.....	C.....	244	11
508	RED ISLANDS...	On McKenzie Point...	45 47 32	60 44 40	F. red.....	D, 7..	47	8
510	CAPE GEORGE...	S. side of lake, W. side of entrance to St. Peter Inlet.	45 44 28	60 48 20	F. white.....	C.....	50	10
513	FREESTONE ISLET	On Gregory Island....	45 42 50	60 47 50	F. red.....	D, 7..	30	7
514	BEAVER ISLAND.	On S.E. point of island	45 40 40	60 49 47	F. red.....	D, p..	30	5½
516	GOOSEBERRY ISLAND OR MARJORIES ISLE.	W. from Sandys Point.	45 40 7	60 51 1	F. red.....	D, p..	31	5
	JEROME POINT.....	See No. 439 above for lights south of canal.						
520	BIRD ISLAND.....	Ciboux Island, ½ mile from N. end.	46 23 10	60 22 30	Rev. red, 1 minute	C.....	77	14
521	ST. ANN HARBOUR..	On S. point of beach ...	46 17 45	60 32 25	F. white.....	C.....	41	8

SCOTIA—Continued.

ISLAND—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, dwelling attached, iron lantern red.	38	1895	.....	To guide vessels into Boulaceet Harbour.	496
White, square, wood; red, metal lantern.	20	1874 relit 1901	.....	Visible from all points of approach by water.	497
Lanterns over centre of superstructure. White light immediately over coloured ones.	.....	1889	.....	Lights show red up and down channel when swing is closed, green when open. White light always shows. Maintained by railway.	498
White, square, wood..	38	1884	.....		499
Lantern on a mast with white shed at base, and cabin 30 feet distant.	24	1889	.....	Visible from all points of approach.	501
White, square, wood..	32	1890 tower 1903	.....	Lights visible in the line of range. Lights in one, bearing N. 42° W., lead in between Paddle and Nameless shoals, and between the shoals off George and Cameron islands.	505
White, square, wood..	20	1903	.....		506
White, square, wood. Iron lantern red.	37	1895	.....		508
White, square, wood, with dwelling attached.	20	1875	Hand horn answers signals from vessels.	To guide vessels through St. Peter Inlet.	510
White, square, wood..	33	1884 chged 1898	.....		513
Lantern on mast, with white shed at base.	25	1884	.....		514
Lantern on mast, with white shed at base.	25	1884	.....		516
White, octagonal, wood, dwelling near by.	33	1863	.....		520
White, square, wood..	38	1871 reb'lt 1881	.....	To mark entrance to harbour .....	521

## NOVA

## CAPE BRETON

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of light above high water mark.	Miles seen in clear weather.
524	INGONISH HARBOUR.	On beach S. side of entrance to harbour.	46 38 10	60 23 13	F. red.....	D, 7..	45	8
526	INGONISH ISLAND...	On island.....	46 41 20	60 20 10	F. white.....	C....	237	20
527	NEIL HARBOUR.....	On outer edge of head on E. side of entrance.	46 48 44	60 19 12	F. red.....	D, 7..	73	8
530	CAPE NORTH.....	$\frac{3}{4}$ mile S. E. from Money Point.	47 1 45	60 23 15	Alt. red and white 45 seconds.	C....	74	15
531	CAPE ST. LAWRENCE.	On the Cape.....	47 2 55	60 35 10	Two F. white, 42 feet apart vertically.	D, 3..	137	17
	For St. Paul Island	See No. 1024.				D, 7..	95	15
534	CAVEAU POINT.....	Extremity of point, entrance to Eastern harbour, Cheticamp.	46 39 20	60 59 50	F. white.....	D, p..	52	8
535		Back range, 740 feet S. 50° E. from front light.			F. white.....	C....	97	8
536	CHETICAMP HARBOUR.	Front range, in Eastern Harbour, 60 feet back from water.	46 38 15	61 0 25	F. red.....	C....	45	8
537		Back range, 990 feet S. by W. $\frac{1}{4}$ W. from front light.			F. white.....	C....	62	13
538	CHETICAMP.....	Near S. end of Island...	46 36 20	61 3 10	Rev. white, 45 seconds.	C....	149	18
540	GRAND ETANG....	Near outer end of break-water on southern side of channel.	46 33 25	61 2 25	F. red.....	D, 7..	24	6
542	MARGAREE HARBOUR.	On west side of mouth of Margaree River.	46 26 25	61 6 40	F. red.....	C....	75	10
543		Back range 215 feet S. by W. from front.			F. red.....	C....	105	10

SCOTIA—Continued.

ISLAND—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from Base to Vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood..	38	1887	.....	To mark entrance to harbour .....	524
White, square, wood, rising from roof of dwelling.	40	1871	.....	.....	526
White, square, wood, red octagonal iron lantern.	34	1899	.....	Visible from all points of approach by water.	527
White, square, wood, square tower, surmounted by iron lantern rising from roof of dwelling.	26	1876	.....	Coast light.....	530
White, with iron lantern red, square, wood, with dwelling attached.	56	1889	.....	Upper light in lantern visible over an arc of $191\frac{1}{2}^{\circ}$ between W. $\frac{1}{2}$ N. through S. to E. $\frac{1}{2}$ N.	531
.....	.....	.....	.....	Lower light in bay window on lower floor visible over $185\frac{1}{2}^{\circ}$ between W. $\frac{1}{4}$ N. through S. to E. $\frac{1}{4}$ N.	.....
White, square, wood..	27	1897	.....	Should be kept in one till the Eastern harbour lights are brought into line.	534
White, square, wood..	27	1897	.....		535
White, square, wood. Lantern red.	30	1890 changed 1894	.....	These two lights, in range, lead in S. by W. $\frac{3}{4}$ W. through the dredged channel, which is marked by spar buoys on both sides, to anchorage in Eastern Harbour.	536
White, square, wood. Lantern red.	38	1890 changed 1894	.....		537
White, wood, square tower, surmounted by red iron lantern, with dwelling attached.	36	1872 rebuilt 1896	.....	.....	538
White, square, wood..	23	1901	.....	Visible from all points seawards ...	540
White, square, wood..	22	1900	.....	Lights visible in, and over a small arc on each side of, line of range. The lights in one bearing S. by W. lead into harbour at the mouth of Margaree River, clear of break-water, on S.W. side of the mouth.	542
White, square, wood..	33	1900	.....		543

NOVA  
GULF OF ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
544	MARGAREE.....	Summit or middle of Sea Wolf Island.	46 21 30	61 15 30	F. white.....	C.....	298	21
547	MABOU.....	On outer end of break-water, on S. W. side of dredged channel.	46 5 30	61 28 10	F. white.....	D, p.....	25	9
548		On shore at McFayden's wharf about 3,000 feet from front light.			F. red.....	D, p.....	30	7
550	PORT HOOD.....	S. E. side of entrance to harbour	46 0 0	61 31 25	F. red and white..	C.....	55	10
551	HENRY ISLAND.....	On summit of island at entrance to Port Hood.	45 58 47	61 35 44	Gp. Rev. white..... 3 flashes with intervals of 10 seconds followed by eclipse of 40 seconds. Complete revolution 1 minute.	C.....	240	22
For Prince Edward Island Lights on opposite shore see 697 and following numbers.								
555	NORTH CANSO.....	N. entrance, W. side, 120 yards inshore.	45 41 50	61 29 0	F. white.....	C.....	110	16
556	HARBOUR AU BOUCHE.	On S. W. shore of harbour.	45 41 0	61 31 15	F. white.....	C.....	36	9
557		473 yards S. W. $\frac{3}{4}$ S. from front light.			F. red.....	C.....	107	9
559	POMQUET ISLAND OR BAYFIELD.	N. E. end of Island, in St. George Bay.	45 39 40	61 44 30	F. red.....	C.....	50	9
561	CAPE GEORGE.....	On Cape, 1,434 feet N. 59° W. from Eachren Point and 832 feet S. 25° W. from shore.	45 52 40	61 53 30	Rev. white; 30 seconds.	C.....	350	25
562	ARISAIG.....	Northern extremity of point, 130 feet from end.	45 45 53	62 10 5	F. red.....	D.....	40	7
565	PICTOU ISLAND.....	S. E. point.....	45 49 10	62 30 30	F. white.....	C.....	52	12

SCOTIA—Continued.

LAWRENCE.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, with dwelling attached.	40	1854	.....	To vessels in dangerous proximity to the Island the light may become obscured by the abrupt cliffs of the Island.  The two, in range, lead through the dredged channel up to breakwater.	544
Mast, with white shed at base.	20	1884	.....		547
Mast, with white shed at base.	20	1884	.....		548
White, square, wood, with dwelling attached.	33	1854	.....	Red over 63° between S. $\frac{1}{4}$ W. and S. E. by E. $\frac{1}{4}$ E., and white over 95° between latter and N. E. by N. $\frac{1}{4}$ N.	550
Octagonal, wood, with faces painted alternately white and red; red, polygonal iron lantern. White, wooden dwelling 165 feet S. of lighthouse.	53	1902	.....	Visible from all points of approach by water.	551
White, square, wood, lantern on dwelling.	35	1842	.....	There is a good anchorage under the light when the wind is off shore. Light obscured S. of bearing S. E. $\frac{1}{4}$ S. By keeping light open Jack Shoal will be given, berth of over a mile.	555
White, square, wood..	32	1879	.....	Range lights, to lead through dredged channel over the bar.	556
White, square, wood..	32	1842	.....		557
White, square, wood..	23	1868	.....	Obscured on easterly bearings...	559
White, square, wood..	39	1861	.....		561
White, square, wood..	30	1898	.....		562
White, square, wood..	32	1853	.....	Lifeboat station about $\frac{1}{4}$ mile E. of light.	565

## NOVA

## GULF OF ST.

No.	Name.	Location.	Latitud N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
567	PICTOU BAR. ....	S. point of entrance to harbour.	45 41 30	62 39 30	{ F. white..... F. red.....	{ D, 7.. C...	{ 50 23	{ 12 6
568		Front range 600 feet back from shore, on N. side of entrance to Pictou Harbour.	45 41 50	62 40 15	F. red.....	C....	66	8
569	FRASERS FARM....	Back range 384 feet N.W. by W. $\frac{1}{4}$ W. from front.			F. red.....	C....	78	8
570	PICTOU CUSTOM HOUSE.	In tower of Custom House.	45 41 06	62 42 0	F. white.....	C..	60	8
573	CARIBOU ISLAND....	N.E. part of Island....	45 46 15	62 40 20	Rev. white, every minute.	C...	35	10
576	AMET ISLAND. ....	Centre of Island, Northumberland strait.	45 50 15	63 10 20	F. white.....	C....	44	10
578		N. side of entrance to Wallace Harbour.	45 49 45	63 25 5	F. white.....	C....	39	11
579	MULLINS POINT...	1,473 feet N.W. $\frac{3}{4}$ W. from front light.			F. red.....	C....	82	8
584	PUGWASH.....	In harbour.....	45 52 30	63 40 20	F. red and white..	C....	48	8
587	COLD SPRING HEAD.	100 feet back from shore on N. side of Head.	45 58 56	63 51 50	F. white.....	D, 7..	60	13

For following Lights on New Brunswick shore, see No. 818; for P.E.I. lights opposite, see No. 697.

SCOTIA—Continued.

LAWRENCE.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Striped red and white vertically, octagonal, wood; red, octagonal, iron lantern.	48	1834 reb't 1904		White light visible from all points of approach by water. Red light in window on seaward face of lighthouse. By keeping red light W.S.W. vessels clear the reefs E. of Pictou Island.	567
White, square, wood..	30	1889 Tower 1896		The four Pictou lights are maintained throughout the season of general navigation and in winter whenever any steamer may be running into Pictou Harbour.	568.
White, square, wood..	38	1889 Tower 1896			
Red brick building....	72	1878		Vessels entering keep the Pictou Bar and Custom House lights in one, W. $\frac{1}{4}$ N., until reaching the alignment of the Frasers Farm range, which they should keep N.W. by W. $\frac{1}{4}$ W. until the bar light is nearly abeam, whence a W. $\frac{1}{4}$ S. course will lead to safe anchorage in the harbour.	569
White, square, wood..	26	1868			570
White, square, wood, lantern on roof of dwelling.	26	1886		Visible around horizon....	573
White, square, wood..	25	1873		Two lights in one form a range to lead across bar and in channel up to point.	578
White, square, wood, dwelling attached.	48	1894			
White, square, wood .	44	1871		Shows a white light towards harbour, red seaward.	579
White, with iron lantern red, square, wood.	36	1890			584
					587

PRINCE ED  
STRAIT OF NORTH

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
676	EAST POINT.....	200 feet from extremity and 250 feet from S. shore of point.	46 27 10	61 58 10	Rev. white, 3 minutes.	C....	100	15
678	SOURIS EAST.....	Knights point, 300 feet S.E. of breakwater.	46 20 50	62 14 30	F. white.....	D, 4..	85	15
679	SOURIS EAST BREAK WATER.	On block at outer end of breakwater.	46 20 50	62 15 0	F. red.....	D, 7..	40	2
682	ANNANDALE.....	In village 220 feet north from shore of river and 312 feet N. 70° E. from head of public wharf.	46, 15 55	62 25 0	F. white.....	C.....	28	10
683		Back light on E. side of Juniper Point N. W. by N. 4,244 feet from front one.			F. white.....	C.....	78	14
685	CARDIGAN RIVER. . .	Between Ferry wharf and Morrison beach W. shore of river.	46 12 50	62 31 45	F. green to seaward, white across river to NEward.	C.....	43	8
688	PANMURE HEAD. . .	S.E. extremity of Cardigan Bay.	46 9 0	62 27 35	F. white.....	D, 4..	96	16
689	GEORGETOWN. . . . .	On St. Andrews Point, S.W. side of entrance	46 9 57	62 31 30	F. red seaward, white across harbour, between N.E. and N.W.	C.....	50	8
690		On Westaway's farm 2,025 feet N. 57° W. from front light.			F. white.....	C.....	62	12

WARD ISLAND.

UMBERLAND SIDE.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, octagonal, wood drab fog-alarm building in front of tower, white dwelling near by.	60	1867 mov'd 1885	Steam horn gives a blast of 8 seconds every $\frac{1}{2}$ minute.	Visible from S.E. by S. through W. to E. by N. $\frac{1}{2}$ N. Fog-alarm building stands 100 feet eastward of lighthouse, and in line with tower roughly indicates range of outer point of reef.	676
White, square, wood, with dwelling attached.	45	1880	.....	Visible from all points seaward	678
Lantern on mast with white shed at base.	34	1889	.....	Should be visible from all points seaward and in the harbour, except over the anchorage where it is intercepted by the mast.	679
White, square, wood; slatted beacon on top, with white diamond, remainder of face of beacon red.	13	1898	.....	In entering river keep range lights in one until day beacon is on starboard bow. With an on-shore breeze strangers should not attempt to enter.	682
White, square, wood	65	1898 mov'd 1901	.....		683
White, square, wood	32	1883	.....	In entering river vessels should stand northward inside Boughton Island until Panmure Island Light bears S. by W. and Cardigan River Light N.W. when they can stand in, keeping light open on port bow. When white light is opened safe anchorage has been reached.	685
White, octagonal, wood, dwelling near by.	50	1853	.....	This light should be kept open off Terras Point, to clear reef off Cape Bear. Maintained all the year round.	688
White, square, wood, red lantern rising from roof of dwelling.	34	1868	.....	Shows red seaward, white across harbour, between bearings of N.E. and N.W. Maintained all the year round. The two in range lead in N. 57° W. in best water between Cardigan shoal and Panmure shoal.	689
White, square, wood	46	1877 re- built 1890	.....		690

## PRINCE EDWARD

## STRAIT OF NORTHUM

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water marks.	Miles seen in clear weather
693	MURRAY HARBOUR	On Beach Point, S. side of harbour.	46 1 28	62 28 30	F. white	C	23	8
694		On mainland, about a mile W. by S. from front light.			F. white	C	57	10
697	CAPE BEAR	On the headland	46 0 45	62 27 15	Rev. red, 30 seconds.	C	74	12
699	WOOD ISLANDS HARBOUR.	Front light on S. break-water, E. entrance to harbour, 50 feet from its outer end.			F. red	D, p.	18	6
700		Back light on beach 700 feet N. 85° W. from front light.			F. red	C	33	7
701	WOOD ISLAND	On S. side of E. portion	45 57 22	62 44 10	F. white	D, 4.	80	15
703	INDIAN ROCKS WHISTLING BUOY.	In 10 fathoms, south westward of rocks.	45 54 50	62 49 20				
705	POINT PRIM	S. E. extremity of Hillsborough Bay, 100 yards from the point.	46 3 10	63 2 0	F. white	C	68	12
708	ORWELL. DOUSE POINT RANGE.	On Douse Point north of Mutton Pt.	46 8 45	62 52 55	F. red	C	16	6
709		1,315 feet N. E. by E. $\frac{1}{2}$ E. from front light.			F. red	C	28	6
710	ORWELL. BRUSH WHARF RANGE.	On W. side of Brush Wharf.			F. green	C	18	2
711		474 ft. E. $\frac{3}{4}$ S. from front light.			F. green	C	27	2
713	FITZROY ROCK BELL BUOY.	In $4\frac{1}{2}$ fathoms, west of shoalest part.	46 7 17	63 6 8				

ISLAND—Continued.

BERLAND SIDE—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood..	20	1869 re-built 1879	.....	In one, these range lights show the channel to the outer buoy.	693
White, square, wood..	40		.....		694
White, square, wood, with dwelling attached.	46	1881	.....	Maintained all the year round.....	697
White, square, wood..	19	1902	.....	Front light visible from all points of approach by water. Back light visible in the line of range. The lights in one lead in to the inner face of the S. breakwater from black and white striped spar buoy. Mariners entering harbour should keep this buoy bearing N. until lights are in one. They should not at low tides attempt to pass front tower.	699
White, square, wood..	33	1902	.....		700
White, square, wood, with dwelling attached.	40	1876	.....	.....	701
Red iron buoy surmounted by a 10-inch whistle.	...	1890	Whistle sounded by the action of the waves.	From the buoy, Point Prim Light bears N. 23° W. and Wood Island Light N. 77° E.	703
White, circular, brick, covered with shingles, white dwelling near by.	55	1846	.....	Bell buoy on E. side of channel, black buoy on W. side 2½ miles N. by E. ¼ E. from bell buoy harbour-ward.	705
White, square, wood..	16	1898	.....	To enter Orwell River bring Douse Point lights in one N.E. by E. ½ E. until black beacon and clump of spruce bushes on China Point shoal are abeam on the port hand. Then change course to N. by E. ¼ E. until the red beacon on Douse Point shoal is reached and the Brush wharf range lights are brought in one. The red beacon is left on the starboard hand at the turn.	708
White, square, wood..	22	1898	.....	.....	709
White, square, wood..	15	1879	.....	.....	710
White, square, wood..	15	1898 moved 1898	.....	.....	711
Red iron buoy surmounted by bell.	.....	1875	Bell rung by action of waves	This buoy is 4½ miles N.N.E. from Point Prim can buoy. Removed between 10th and 18th Nov. each year and replaced as soon as ice allows in the spring.	713

## PRINCE EDWARD

## STRAIT OF NORTHUM

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
715		Front range, on the point, Bellevue farm, 35 ft. back from shore, E. side of entrance to Charlottetown Harbour.	46 11 50	63 4 5	F. white	C	45	12
716	HASZARD POINT.	Back range, in rear of Bellevue farm buildings, 2,244 feet N.E. $\frac{1}{4}$ N. from front light.			F. white	C	125	17
717	BLOCKHOUSE POINT.	At W. side of entrance to Charlottetown Harbour.	46 11 36	63 7 28	F. white	C	56	12
718		Front range on N.W. extremity of property of late Hon. G. W. Howlan, E. side of N. river.	46 14 5	63 8 20	F. red.	C	41	7
719	BRIGHTON BEACH.	Back range, on old Asylum grounds, 1,275 feet N. from front.			F. red.	C	72	9
722	ST. PETERS ISLAND.	On S. side of island, Hillsborough Bay.	46 7 20	63 10 35	Occ. white, vis. 30 sec., eclipsed 6 secs.	D, 6.	70	14
724		West end of bridge, at head of harbour.	46 13 15	63 29 10	F. white	C	41	6
725	LEARDS RANGE	Inner range light, about $\frac{1}{2}$ mile N. from outer one.			F. white	C	95	8
726	CRAPAUD HARBOUR.	On S. side of Pauls Bluff, W. of dredged cut from anchorage to wharves.	46 12 28	63 29 42	F. red.	C	30	3
727	WRIGHTS RANGE.	On Wrights farm, 3 $\frac{1}{2}$ cables N. W. $\frac{1}{4}$ N. from front light.			F. red.	C	50	3
728	PALMERS WHARF	On wharf			F. red.	C	20	2

ISLAND—Continued.

BERLAND SIDE—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, with brown galvanized iron lantern.	47	1889	.....	Maintained during general navigation and whenever winter steamer is running to Charlottetown. Lights visible over a small arc on each side of alignment.	715
White, square, wood, with brown galvanized iron lantern.	47	1889	.....	Alignment can be taken off Point Prim and followed in N.E. $\frac{1}{4}$ N. with nowhere less than 5 fathoms passing W. of Fitzroy Rock Bell buoy and E. of St. Peter Spit Buoy until Brighton Beach range lights are brought in one.	716
White, square, wood, with dwelling attached.	42	1851 rebuilt 1879	.....		717
White, skeleton tower, with slatted face, red iron lantern and red diamond on side facing channel.	40	1890	.....	Maintained during navigation and whenever winter steamer is running to Charlottetown. Lights visible over a small arc on each side of alignment.	718
White, square, wood, with red diamond on side facing alignment.	45	1890 rebuilt 1900	.....	Alignment to be taken where it intersects Haszard point alignment about $\frac{1}{4}$ mile S. of St. Peter Spit Buoy, and followed due North to Canseau Point, whence the course up the harbour can be judged by the town lights.	719
White, square, wood..	38	1881 mov'd 1884	.....	Visible from all points of approach except where obstructed by the high ground of St. Peters Island.	722
White, with red diamond on side facing channel, square, wood	38	Tower built 1879	.....	Light visible from all points of approach. To enter Crapaud Harbour from the Strait of Northumberland, vessels should bring the Leards range lights into alignment and keep them in one on a N. course until the lights of Wrights range are in alignment when they should follow this range N.W. $\frac{1}{4}$ N. until the red light on Palmers Wharf is in alignment with the front light of Leards range.	724
White, square, wood, open-framed tower; slatted on side facing line of range.	46	1878 mov'd 1901	.....	These two in one will lead in from the black buoy at the entrance to the dredged cut, through the cut, to the wharves, N.N.E., but strangers entering at night are advised to anchor in the road at this last described turning point near the black buoy, as they will be in good anchorage inside the shelter of Tryon Shoals, while it is not safe to attempt the dredged cut at night.	725
Lantern on a mast rising from a square shed, painted white, surmounted by triangular slatted beacon.	11	1894	.....		726
White, square, open-framed tower, slatted on side facing line of range. Lantern red.	27	1894	.....		727
Lantern on mast.....	18	1894	.....		728

## PRINCE EDWARD

## STRAIT OF NORTHUM

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
731	TRYON SHOAL WHISTLING BUOY.	In 5½ fathoms off south extremity.	46 8 55	63 31 48				
734	SEA COW HEAD.....	On the outer extremity of the low flat point.	46 19 10	63 48 25	F. white.....	C.....	88	15
735	INDIAN POINT.....	East edge of shoal, on S. side of channel, in Bedeque Bay.	46 22 50	63 48 45	F. white with green sector.	C.....	48	13
736		Railway wharf, Bedeque Bay.	46 23 30	63 47 6	F. red in line of range, white in harbour.	C.....	33	10
737	SUMMERSIDE.....	Back range ¾ mile E. ¼ S. from front light.	46 23 45	63 46 13	F. red.....	C.....	65	8
741	CAPE EGMONT.....	On point.....	46 24 20	64 7 45	F. red.....	C.....	72	10
743	WEST POINT.....	On Sand Beach.....	46 37 30	64 23 20	Rev. red and white 22½ secs. One red and three white flashes in 1½ minutes.	C.....	66	13
744	WEST POINT WHISTLING BUOY.	In 13 fathoms, ¾ mile W. of middle of outer shoal.	46 40 30	64 30 25				
747		On outer end of S. breakwater, at entrance to pond.	46 53 10	64 14 0	F. red and white..	C and D, p.	17	6
748	MIMINEGASH.....	On cribwork block on beach of pond, 720 ft. S. 11° W. from front light.			F. white.....	C.....	28	10
750	NORTH POINT.....	On point.....	47 3 46	63 59 10	Rev. white one minute.	C.....	80	14

ISLAND—Continued.

BERLAND SIDE—Concluded.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vante.	When established.	Fog-Signal.	Remarks.	No.
Brown iron buoy with "Tryon shoal buoy" in white, surmounted by 10-inch whistle.	.....	1892	Whistle sounded by action of the waves.	Left to starboard going up strait to North Westward. From the buoy Crapaud Chapel N. E. $\frac{1}{4}$ E., $5\frac{1}{4}$ miles, just open of range light on point and Carleton Point N. N. W. $\frac{1}{2}$ W., $9\frac{1}{2}$ miles just open of C. Traverse.	731
White, octagonal, wood, red, polygonal, iron lantern; white dwelling near by.	60	1863	.....	.....	734
White, octagonal, wood, on a circular stone pier.	42	1881	.....	Green between E. by N. $\frac{1}{4}$ N. and E. S. E. over Miscouche Shoals only.	735
Square tower on roof of railway freight shed.	30	1856 re-built 1877	.....	After Indian point light is abeam haul in E. by S. until range lights are in one and keep alignment up to railway wharf.	736
White, square, wood, lantern red.	56	1895	.....		737
White, square, wood, with dwelling attached.	45	1884	.....		741
Broad red and white horizontal bands, square, wood, with dwelling attached.	67	1876	.....	.....	743
Red iron buoy, with "West Point Reef, P. E. I." in white, surmounted by a 10-inch whistle.	.....	1896	Whistle sounded by action of the waves.	.....	744
White, square, wood..	17	1886 ch'ged 1900	.....	Shows red from N. $79^{\circ}$ E. round through E. to S. $22\frac{1}{2}^{\circ}$ E. covering Miminegash Reef, and white from S. $22\frac{1}{2}^{\circ}$ E. round through S. to S. $41^{\circ}$ W., which includes line of range. Vessels N. of reef bearing westward will be clear of it when red disappears.	747
White, square, wood..	27	1886 ch'ged 1900	.....		Shows from N. $79^{\circ}$ E. round through E. and S. to S. $41^{\circ}$ W. The lights in line bearing S. $11^{\circ}$ W. lead to the entrance to pond between breakwaters.
White, octagonal, wood, surmounted by a red iron lantern, dwelling near by.	60	1866 ch'ged 1875	.....	.....	750

## PRINCE EDWARD

## NORTH-EAST COAST OR GULF

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of light above high water mark.	Miles seen in clear weather.
	EAST POINT.....	See above, No. 676.						
755	ST. PETERS.....	40 feet from outer end of breakwater.	46 26 40	62 44 50	F. white.....	C.....	34	6
756		On sand beach, 1458 feet S. by W. from front light.			F. white.....	C.....	32	6
759		Front light on Mc. Eachrens farm, on inner shore of harbour.	46 25 40	62 48 30	F. white.....	C.....	22	5
	SAVAGE HARBOUR.							
760		Back light, 330 feet S. $\frac{1}{2}$ E. from outer light.			F. white.....	C.....	30	5
763		On beach, W. side of entrance, 1,800 feet back from shore line.	46 25 35	63 2 30	F. red.....	C.....	19	8
	TRACADIE.....							
764	COVE HEAD.....	Back tower 1,200 feet S.S.W. from front.			F. red.....	C.....	24	8
767		Front light close to edge of sand beach at entrance to harbour.	46 26 10	63 8 45	F. white.....	C.....	18	3
768		Back light, 600 feet from front.			F. white.....	C.....	25	3
770	NORTH OR GRAND RUSTICO.	Front range light on W. side of entrance to harbour.	46 27 43	63 17 14	F. red.....	C.....	22	5
771		Back range light, 306 feet S.W. by W. $\frac{3}{4}$ W. from front light.			F. red.....	C.....	40	5
772		Main light, 337 feet N. W. $\frac{3}{4}$ N. from front light.			F. white.....	C.....	36	8
774	NEW LONDON RANGE.	Front light on outer end of breakwater on N. W. side of entrance to Grenville Harbour.	46 31 10	63 28 52	F. white.....	C.....	24	10
775		Back light on beach, 1,019 feet S. 48° W. from front light.			F. white.....	C.....	31	10
776	NEW LONDON.....	Main light on beach 1,500 feet S. W. of front range light.			F. red.....	C.....	45	7

ISLAND—Continued.

OF ST. LAWRENCE SIDE.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood..	35	1865 build- ings erec- ted 1879	.....	Range lights, to lead into harbour. The inner one is liable to be moved to suit shifting of the channel.	755
White, square, wood..	33				
Mast, with brown shed at base.	20	1884	.....	Lights in range lead to mid-channel buoy outside bar. Vessels open the lights on starboard bow, after passing buoy, until inner fairway buoy is reached, where channel leaves range. Only 5 feet water on bar at low tide. Outer light liable to be moved.	759
Mast, with brown shed at base.	25	1884	.....		760
Brown, square, open framework; lantern white.	22	1876 mov'd 1890	.....	In one, lead in about S.W. by W. past the buoys, leaving the buoy outside bar on starboard, buoy inside bar on port hand.	763
White, square, wood..	26	1876 mov'd 1894	.....	Not more than 5 feet water on bar. Position of both towers liable to be changed to suit shifting of the channel.	764
Lantern on mast ....	17	1879	.....	Back light liable to be moved to suit changes in the channel. Only 4 feet water on bar. Visible from all points of approach.	767
Lantern on mast....	27	1879	.....		768
Lantern on mast.....	20	1884	.....	The two red lights in one bearing S.W. by W. $\frac{3}{4}$ W. lead over bar outside mouth of harbour in best water and clear of breakwater.	770
Lantern on mast.....	38	1899	.....		771
White, square, wood, with dwelling at- tached.	35	1876 mov'd 1899	.....	Coast light. Visible from all points of approach by water.	772
White, square, wood, open framework be- low, brown.	21	1879	.....	Range lights visible in and over a small arc on each side of the line of range. Range lights in one, bearing S. 48° W., lead over the bar in past Sims Point with 9½ ft. water at low tide.	774
Lantern on white mast, with small white shed at base.	.....	1903	.....		Range lights liable to be moved to suit shifting of the channel. Strangers should take a pilot to enter. Main light is a coast light.
White, square, wood, with dwelling at- tached. Iron lantern brown.	35	1876	.....		776

## PRINCE EDWARD

## GULF OF ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
779	DARNLEY POINT...	Front range, near shoreline, $6\frac{1}{2}$ cables south-eastwardly from C. Aylesbury.	46 34	0 63 39 0	F. red .....	C....	40	7
780		1,341 feet S. W. by S. from front light.			F. red.....	C....	65	7
783	FISH ISLAND.....	Entrance to Malpeque or Richmond Bay on inside of island.	46 34 50	63 42 29	F. white.....	C....	50	12
784		Front range, 1,200 feet S.E. by E. $\frac{1}{2}$ E. from main light.	46 34 52	63 42 17	F. white.....	C....	18	6
787	DARNLEY BASIN...	Front range, W. side of Darnley Basin.	46 33	5 63 41 8	F. green.....	C....	55	3
788		Back range, 380 feet S. by W. from front light.			F. green.....	C....	64	3
791	LITTLE CHANNEL...	On Conway Inlet, N. side.	46 40	0 63 52 40	F. white.....	C....	26	10
792		Front range, 200 feet from main light.			F. white.....	C....	16	8
795	CASCUMPEQUE.....	Main light on inner face of sand hills on S. side of entrance.	46 48 18	64 1 42	F. white.....	C....	48	12
796	SANDY ISLAND RANGE.	Front range on eastern edge of island, N. side of entrance.	46 47 45	64 1 50	F. white.....	C....	20	9
797		Back range, 364 feet W. by N. $\frac{1}{2}$ N. from front light.			F. white.....	C....	24	10

ISLAND—Continued.

LAWRENCE SIDE—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, open frame tower, slatted facing line of range.	25	1889	.....	Visible over an arc of 22½° on each side of alignment, and also north-westwardly along the north bar. Alignment leads to black can buoy at Eastern Passage over bar at entrance to Malpeque Harbour. Vessels entering keep the alignment until they bring the Fish Island lights in one.	779
Similar to front building.	25	1889	.....		780
White, square, wood, with dwelling attached.	46	1856 re-built 1876	.....	The main light is a sea light. The smaller one, in range with it, shows the channel over the bar, with 15 feet, and ranging with the fairway buoy inside the bar, whence the channel is marked by the harbour buoys. There is a 13-foot spot between the Eastern Passage buoy and the fairway buoys.	783
White, open framework, surmounted by square galvanized lantern.	22	1876	.....		784
Open framework, lantern white.	15	1897	.....	Strangers should not attempt the entrance.	787
Open framework, lantern white.	21	1897	.....		788
White, square, wood, with kitchen attached.	30	1872 re-built 1876	.....	In one, lead through channel with 5 feet at entrance to harbour. There is a ballast heap in the alignment at the point of the S. sand hill, to pass this the front light must be opened to N. Outer light liable to be moved to suit changes in the channel.	791
Open framework, lantern white.	20	1876	.....		792
White, square, wood, with dwelling attached.	46	1856 mov'd 1899	.....	Coast light. Visible from all points of approach by water. To enter vessels should bring the main light to bear W. ½ N. and run in until range lights are in one. Keep this range in one until red lights at Northport are in one. This course will give 11 feet water over the bar.	795
White, square, wood..	22	1897 mov'd 1901	.....		796
White, square, open frame tower, with slatwork facing channel.	26	1897 mov'd 1901	.....		797

## PRINCE EDWARD

## GULF OF ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
800	NORTHPORT.....	Front range light on bank about 500 feet west of railway wharf	46 48 16 64	3 6	F. red.....	C.....	31	3
801		Back range light, 1125 feet W. $\frac{1}{4}$ N. from front light.			F. red.....	C.....	42	3
804	BIG TIGNISH.....	Back range light, on beach, at inner end of N. breakwater pier.	46 57 35 63	59 20	F. white.....	C.....	35	11
805		Front light, on outer end of N. breakwater pier, 620 feet S.E. $\frac{1}{4}$ E. from main light.			F. red.....	C.....	18	5
	NORTH POINT.....	See above, No. 750.						

ISLAND—*Concluded.*

LAWRENCE SIDE—*Concluded.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood..	29	1885	.....	} Range lights lead directly up the harbour.	800
White, square, wood..	41	1885	.....		801
White, with a black horizontal band, square, wood.	33	1877 building 1881	.....	} These two lights, in range, guide in N.W. $\frac{1}{4}$ W. between the breakwaters.	804
Lantern on a mast, with white shed at base.	14	1883	.....		} The outer light also shows end of pier, and is for convenience of small vessels only.

NEW  
GULF OF ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
For lights in Nova Scotia, see 587 and preceding numbers.								
do on Bay of Fundy coast of New Brunswick, see 130 and preceding numbers.								
815	TORMENTINE REEFS BELL BUOY.	In 6 fathoms $\frac{3}{4}$ mile E. of outer dry dock of Tormentine reefs.	46 6 35 63 41 10					
816	CAPE TORMENTINE PIER.	Front light on S.E. corner of pier.	46 8 8 63 46 22	F. red.	C	17	6	
817		Back light on shore near inner end of pier, 2,550 feet S. 87° W. from front light.		F. red.	C	34	7	
818	JOURIMAIN.	On east end of island.	46 9 42 63 48 20	Rev. white, 10 seconds.	C	72	14	
821	ZEPHYR ROCK LIGHT VESSEL.	In 19 feet, 2 cables N. N.E. of Zephyr Rock, off Pointe du Chêne.	46 16 30 64 30 00	{ F. white. F. white.	{ D, p. D p.	{ 21 25	8	
822	SHEDIAC NORTH CHANNEL.	On northernmost part of Pte. du Chêne.	46 14 43 64 30 48	F. red.	C	32	7	
823		602 ft. S.W. by S. from front light.		F. red.	D, p.	43	8	
824	SHEDIAC ISLAND.	Front light on E. shore, near S. end of island.	46 15 32 64 31 57	F. white.	C	36	11	
825		Back light about 619 feet W. by N. $\frac{1}{2}$ N. from front.		F. white.	C	52	12	
826	SHEDIAC HARBOUR	On N. W. corner of Pointe du Chêne Government breakwater.	46 14 39 64 31 41	F. white.	D, 7.	32	6	
827		Near extremity of south railway wharf, 621 feet S.W. $\frac{1}{2}$ S. from front.		F. white.	D, 7.	38	6	

BRUNSWICK.

LAWRENCE.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Black iron buoy surmounted by a bell.	.....	1895	Bell rung by action of the waves.	.....	815
Shown from window in gable of unpainted wooden freight shed; white, diamond-shaped slatwork day beacon shows above roof.	.....	1901	Bell rung by hand on E. end of small building, 297 feet inside N.E. corner of pier.	Front light visible over an arc of 45° on each side of line of range; back light visible from all points by water S. of Jourimain Island shoal.	816
Shown from cupola of drab wooden iceboat house.	40	1901	.....	The lights in one bearing S. 87° W. lead in to the pier head clear of S. end of Jourimain Island shoal. To guide steamer "Stanley" while making winter passages between Cape Tormentine pier and P. E. Island.	817
White, octagonal, wood.	45	1870 ch'ged 1878	.....	Lights only in operation when str. "Stanley" is running. Visible over an arc of 229° 47' from S. 54° 47' E. round by W. to N. 5° W.	818
2-masted schooner, blue, black bulwarks, 2 lights between masts, 4 ft. apart vertically.	...	1899	Hand horn answers signals from vessels.	Maintained only each autumn. ....	821
White, square, wood. Lantern red.	27	1895 ch'ged 1898	.....	.....	822
White, square, wood. Lantern red.	39	1895 ch'ged 1898	.....	To enter keep this alignment until the Shediac Island lights are brought in one.	823
White, square, wood. Lantern red.	37	1869 re- built 1895	.....	.....	824
White, square, wood. Lantern red.	47	1869 re- built 1895	.....	Range lights. The alignment should be kept until the wharf range lights are brought in one.	825
On iron mast, with shed at the base.	29	1860	.....	.....	826
On iron mast, with shed at the base.	37	1860	.....	Alignment gives middle of channel from intersection with Shediac Island range to the wharves.	827

## NEW BRUNSWICK

## GULF OF ST. LAWRENCE

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
831	CASSIE POINT. ....	On point. ....	46 19 24	64 30 40	Rev. white, 30 seconds.	C ...	47	12
834	BUCTOUCHE BAR. ....	On S. extremity of sand bar at entrance to harbour.	46 27 53	64 36 35	F. white. ....	D 7..	38	11
835	BUCTOUCHE. ....	On Dixon Point. ....	46 27 40	64 38 50	F. white. ....	C ...	36	11
836		1,050 feet N.W. by W. from front light.			F. white. ....	C ...	41	12
837	BUCTOUCHE INNER RANGE.	Front light, close to shore road on Indian or Church Point.	46 29 35	64 40 30	F. white. ....	C ...	23	9
838		Back light, 1,980 feet N.N.W. $\frac{1}{4}$ W. from front one.			F. white. ....	C ...	53	12
842	RICHIBUCTO HEAD. ....	On headland. ....	46 39 40	64 42 30	F. white. ....	D, 4..	70	14
843	RICHIBUCTO HARBOUR. } BAR RANGE. ....	Front light on N. side of S. beach at entrance.	46 42 41	64 46 16	F. white. ....	D, p..	32	10
844		Back light, 336 feet S. 8° W. from front light.			F. white. ....	C ...	44	12
845		CHANNEL RANGE.	On western end of south beach.	46 42 45	64 47 46	F. white. ....	D, 7..	27
846	Back light 472 feet N. 73° W. from front.				F. white. ....	D, 7..	32	5
847	BLACK LANDS GULLY.	Front light on S. end of N. beach.	46 45 21	64 50 38	F. white. ....	D, p..	29	10
848		Back light, 137 feet N. W. from front light.			F. white. ....	D, p..	42	11
853	SAPIN POINT. ....	Near edge of cliff, about midway between Sapin Point and Mushroom Point.	46 58 19	64 50 0	F. white. ....	D, 7..	50	12

WICK—Continued.

LAWRENCE—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, with dwelling attached.	27	1872	Hand-horn answers signals from vessels.		831
Lantern rising from roof of white, square, wooden building.	35	1902		Visible from all points of approach by water.	834
White, square, wood..	30	1881		Range lights, to guide into Buctouche Harbour.	835
White, square, wood..	34	1881			836
White, square, wood, with red roof.	23	1883		Range lights, visible in direction of range.	837
White, square, wood, with red roof.	23	1883		Lead into harbour through deepest channel clear of all obstructions, from line of range of Dixon Point lights to where channel turns abruptly to westward to enter Buctouche River.	838
White, square, wood..	50	1864			842
Lantern on a mast .....	26	1879 mov'd 1903		The bar range lights in one lead across the shifting bar at entrance to harbour. Keep the alignment of this range until it intersects the alignment of the channel range lights; from this point, turning to the westward, keep the channel range lights in one for $\frac{1}{2}$ mile till the first black spar buoy is reached. From this point the channel is tortuous and is marked by buoys.	843
White, square, open frame, wood.	43	1879			844
Lantern on a mast, with white shed at base.	30	1901			845
Lantern on a mast, with white shed at base.	35	1901			846
Lantern on white mast, with white shed at base.	26	1903		Fishing lights. Lights visible from all points of approach by water. Fishing boats entering gully must keep S. of red cask buoy and keep range lights well open on their starboard bow, steering N. 79° W. until they have passed the most outwardly red spar, thence the lights in one lead up to the gully.	847
Lantern on white mast, with white shed at base.	37	1903			848
Lantern on a white pole, with white wooden shed at base.	34	1903		Fishing light. Visible from all points of approach by water. Fishing boats can run for light on all bearings between W. and N.; the former bearing clears S. end of Sapin ledge; and the latter bearing clears a reef about 300 yards S. of light.	853

## NEW BRUNS

## GULF OF ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of light above high water mark.	Miles seen in clear weather.
856	ESCUMINAC.....	On point.....	47 4 32	64 47 33	F. white.....	D, 3..	66	14
858	PRESTON BEACH	On S. shore Miramichi Bay.	47 4 47	64 54 58	F. white.....	D, p..	41	10
859		804 feet S. by E. $\frac{3}{8}$ E. from front light.			F. white.....	D, p..	58	10
861	SWASHWAY RANGE.	Front light on E. shore of Fox Island, $1\frac{1}{2}$ miles from S. end.	47 6 46	64 59 50	F. white.....	C....	47	12
862		1,220 feet W. by N. $\frac{1}{4}$ N. from front light.			F. white.....	C....	72	14
863	FOX ISLAND, N. W. POINT.	No. 1, 100 feet from north of coast.	47 7 55	65 2 6	F. white.....	D, 7..	47	8
864		No. 2, 1,051 feet S. E. $\frac{1}{2}$ E. from No. 1.			F. white.....	D, 7..	46	8
865		No. 3, 954 feet S. W. by W. $\frac{1}{2}$ W. from No. 1.	47 7 52	65 2 15	F. white.....	D, 7..	36	8
867	PORTAGE ISLAND.	Near S. point of Island	47 9 45	65 2 38	F. white.....	C....	45	12
869	MIRAMICHI BAY LIGHTSHIP.	Horseshoe Bar, between Fox and Portage Islands.	47 8 14	65 4 3	F. red.....	C....	35	8
871	BAY DU VIN ISLAND.	On west end of Island..	47 5 7	65 6 53	F. white.....	C....	30	10
872		1,222 feet N. E. by E. from front light.			F. white.....	C....	42	11
874	OAK POINT FRONT.	On the point, north side of river.	47 7 22	65 15 42	F. white.....	D, p..	43	10
875	OAK POINT BACK.	1,800 feet N. E. by E. from front light.			F. white.....	D, p..	48	10
876	SHELDRAKE ISLAND.	On E. end of Island...	47 5 30	65 19 0	F. white.....	C....	45	12
877		Near west end of Island, about 1,165 feet W. of front light.			F. white.....	C....	35	10

WICK—Continued.

LAWRENCE—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.	
White, octagonal, wood, dwelling near by.	69	1841	Steam horn gives blasts of 6 seconds, with intervals of 35 seconds.	Fog alarm building 240 feet N.N. W. of lighthouse.	856	
White, square, wood, lantern red.	29	1869 towers erected 1898	.....	Lights in line lead vessels entering Miramichi Bay from the Bar buoy up through the ship channel east of the Lump buoy.	858	
Red, steel skeleton tower, enclosed upper part white, lantern red.	59		.....		859	
White, skeleton, slatted on seaward face, wood.	46		.....		The alignment W. by N. $\frac{1}{4}$ N. leads from the deep water of the outer bay through the Swashway to the buoys in the ship channel, with nowhere less than 2 $\frac{3}{4}$ fathoms.	861
White, skeleton, slatted on seaward face, wood.	71	1872 changed 1891	.....	862		
Lantern on white mast, with white shed at base. White daymark attached to mast.	40	moved 1881	.....	Nos. 1 and 2, in line, range N.W. $\frac{1}{2}$ N. into the Horse shoe Channel. Nos. 1 and 3, in line, range N.E. by E. $\frac{1}{4}$ E. through Portage Island Channel. Nos. 2 and 3, in line, range W. by N. $\frac{1}{2}$ N. to the upper buoy of Horseshoe Shoal.	863	
Lantern on white mast, with white shed at base. White daymark attached to mast.	38	moved 1881	.....		864	
Lantern on white mast, with white shed at base. White daymark attached to mast.	28	1881	.....		865	
White, square, wood, with dwelling near.	42	1869	Hand horn answers signals from vessels.	.....	867	
A schooner rigged vessel, hull red.	.....	1873	Bell rung by hand thus: rings for 3 seconds, silent 1 second, rings for 3 seconds, silent 1 minute.	.....	869	
Lantern on mast, red shed at base.	25	1882	.....	Range lights.	871	
Lantern on mast, red shed at base.	30	1882			.....	872
Lantern hoisted on mast, with white shed at base, all supported on trestlework.	28	1869	.....	In one lead to red buoy in river above.	874	
Same as front light....	38	1869			.....	875
Mast, with shed at base.	46	1869			.....	Alignment leads up Oak Channel to intersection with Oak Point range.
Mast, with shed at base.	39	1869	.....	877		

## NEW BRUNSWICK

## GULF OF ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
879	GRANT BEACH.	North shore of river...	47 5 7 65	23. 45	F. white.....	D, 7..	69	4
880		1,300 feet N. 66° W. from front.			F. white.....	C.....	107	4
882	MIDDLE ISLAND.	Miramichi Bay .....	47 3 28 65	27 0	F. white.....	C.....	44	11
883	NEWCASTLE.....	On lime-kiln bank, N. side of river, below the town.	47 0 45 65	33 40	F. red .....	D, p..	87	9
887	HAY ISLAND..	Near east end of Island.	47 13 54 65	3 46	F. white.....	C.....	23	10
888		224 feet W. $\frac{3}{4}$ N. from front light.			F. white.....	D, p..	30	11
890	LOWER NEGUAC WHARF.	On public wharf, about 60 ft. from its end.	47 15 40 65	2 35	F. red...	D, p..	28	8
891		On the beach, 1,080 ft. N. N. W. $\frac{1}{4}$ W. from front light.			F. white.....	C.....	32	10
892	NEGUAC .....	On N. E. side of gully..	47 14 40 65	0 22	F. red.....	C.....	26	7
893		Main light 900 ft. N. by E. from front light.			F. white.....	C.....	32	11
	ESCUMINAC .....	See No. 856 above.						
	PORTAGE ISLAND....	See No. 867 above.						
896	SOUTH TRACADIE...	N. side of gully.....	47 30 5 64	52 10	F. red.....	C.....	26	8
897		Front light on sands, 161 feet S. 48° E. from back light.			F. white.....	D, p..	20	4
898	NORTH TRACADIE..	Back light on sand flat on N. side of gully.	47 33 17 64	51 25	F. white.....	C.....	37	11

WICK—Continued.

LAWRENCE—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood..	37	1869 Tower 1903	.....	Front light visible from all points of approach by water. Back light visible in the line of range and also up the river. Lights in one mark the channel from the conical buoy at the narrows of Sheldrake Channel up to abreast of Malcolm Point.	879
White, square, wood..	37	1869 Tower 1903	.....		880
Mast with shed at base.	45	1874	.....		882
White, square, wood, with red roof.	23	1884	.....		883
Lantern on mast, with red shed at base.	15	1881	.....	Range lights, to enable vessels seeking shelter to clear the point of the shoal off the east end of the island.	887
White, with red roof, square, wood.	21	1881	.....		888
Lantern on mast, with white shed at base.	25	1892	.....	Alignment guides over the bars inside Neguac gully. Outer light leads to wharf.	890
White, square, wood, lantern red.	33	1892	.....		891
Lantern on mast, with white shed at base.	25	1873 re- built 1896	.....	Alignment guides to a black can buoy, which is the outermost of the buoys marking the gully.	892
White, square, wood, lantern roof red.	30	1873 reb't 1893	.....		893
Red, square, wood....	26	1877	.....		896
Lantern on a red mast.	.....	1894	.....	Front light will be exhibited only when it can be ranged with the channel. Lights in one, bearing N. 48° W., lead to red can buoy on outside of bar, and should be kept on until red can buoy at mouth of gully is made, thence the tortuous channel up to "the block" is marked by buoys and stakes. Mariners must have local knowledge to use this range.	897
White, square, wood..	33	1875 mov'd 1896	.....		898

## NEW BRUNS

## GULF OF ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
901	POKEMOUCHE .....	On beach, N. side of gully.	47 40 10	64 46 0	F. green.....	C.....	35	8
902		270 feet S. by W. $\frac{3}{4}$ W. from main light.			F. red.....	C.....	25	5
905	INDIAN POINT.....	On sand bank at extremity of point, S. side Big Shippigan Gully.	47 43 50	64 40 10	F. white.....	D, 7..	28	10
906		134 feet N. 10° W. from front range.			F. white.....	D, 7..	46	12
907	BIG SHIPPIGAN.....	On the point of the sand bar, E. side of S. entrance to gully.	47 43 30	64 39 10	F. white.....	C.....	32	11
910	MISCOU GULLY.....	On N. side of E. entrance to Little Shippigan.	47 55 5	64 29 30	F. white.....	D, 7..	54	11
911	MISCOU ISLAND.....	Birch Point.....	48 1 0	64 29 25	Gp. rev. white 4 flashes, at intervals of 15 seconds, followed by eclipse of 30 seconds. Complete revolution in 1 $\frac{1}{2}$ minutes.	C.....	79	14
914	GOOSE LAKE.....	W. side of Miscou Island.	47 55 40	64 35 40	Rev. white, every minute.	C.....	40	10
915	HARPER POINT..	At western entrance to Little Shippigan.	47 54 0	64 35 0	F. white .....	D, 7..	48	12
918	POKESUDIE .....	N.E. point of island..	47 49 10	64 44 40	F. white. ....	D, 7..	41	11
920	CARAQUET RANGE.	Front light on point below Stoke Point.	47 48 47	64 50 3	F. white.....	D, 7..	31	10
921		Back light 3,800 feet S. 71° 30' W. from front light.			F. white.....	C.....	70	10

WICK—Continued.

LAWRENCE—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, with dwelling attached.	37	1876	.....	Range to guide to can buoy at passage over bar.	901
Lantern on a pole, travelling on a tramway to suit changes in channel.	23	1885	.....		902
Lantern on a mast, with small shed at base, red.	27	1889	.....		905
Lantern on a mast, with small shed at base, white.	46	1889	.....	Visible in the line of range ..... Alignment leadstomid-channel buoy outside the bar. After passing it, vessels entering should keep the red buoys close aboard to starboard with the front light open west of the back light. After passing the buoys inside the breakwater the channel turns short towards Big Shippigan light.	906
White, square, wood..	30	1872 re-mov'd 1880	Hand horn answers signals from vessels.		907
Lantern on a mast, with white shed at base, standing on a crib.	34	1887	.....	Visible from all points of approach to the entrance. To mark entrance to the gully from the gulf.	910
White, octagonal, wood	74	1856	Steam whistle sounds a blast of 5 seconds every ½ minute.		911
White, square, wood..	28	1875	.....	.....	914
Lantern on a mast, with white shed at base, standing on a crib.	35	1887	.....	Visible from all points of approach by water.	915
White, square, wood..	34	1881	Hand horn answers signals from vessels.	.....	918
White, square, wood .	30	1903	.....	Front light visible from all points of approach by water. Back light visible in the line of range. Alignment should be taken at red buoy at junction of Caraqueet and Shippigan channels, and kept until black buoy 1½ miles outside front light is abeam, whence course up the harbour is N. 89° W.	920
White, square, wood..	45	1903	.....		921

## NEW BRUNSWICK

## GULF OF ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
922	CARAQUET ISLAND.	On W. side of island...	47 49 36	64 53 47	F. white.....	D, p..	49	14
924	STONEHAVEN....	At head of pier...	47 45 30	65 20 50	F. white.....	D, 7..	88	15
928	BELLONI POINT.	On E. side entrance to Bathurst Harbour.	47 40 21	65 33 18	F. white.....	D, p..	30	10
930		On Caron Point.....	47 39 20	65 36 40	F. white.....	D, 7..	31	10
931	BATHURST.....	360 feet N. 51½° E. from front light.			F. red.....	C.....	43	14
935	PETIT ROCHER..	On Elm Tree Point....	47 48 39	65 43 13	F. white.....	C.....	36	12
936	LITTLE BELLE-DUNE.	On the point.....	47 55 10	65 53 25	F. white.....	D, 7..	52	12
938	HERON ISLAND..	Chaleur Bay.....	48 0 0	66 8 0	F. white.....	C.....	66	15
941	DALHOUSIE HARBOUR.	S. side of entrance to harbour.	48 3 45	66 20 50	F. white.....	D, p..	49	13
942	DOUGLAS ISLAND OR DALHOUSIE ISLAND.	On E. end of island....	48 4 25	66 21 30	F. white.....	C.....	30	6
943	DALHOUSIE RAILWAY WHARF	29 feet from outer end and 33 feet from front edge of wharf.	48 4 25	66 22 25	F. white.....	D, p..	30	9
946	MONTGOMERY ISLAND.	On summit, 296 feet S. E. ¼ E. from wharf light.			F. white.....	C.....	34	9
947		Pier beside railway wharf, Restigouche River.	48 0 50	66 39 55	F. red.....	C.....	24	9
948	CAMPBELLTON RANGE LIGHTS	On cribwork block on Kilgour Shives wharf, 1180 ft., S. 83° 30' W. from front light.			F. red.....	C.....	39	9

WICK—*Concluded.*

LAWRENCE—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog Signal.	Remarks.	No.
White, square tower on dwelling.	43	1870	.....	.....	922
White, square, wood..	37	1885	.....	.....	924
White, square, wood..	22	1890	.....	Visible from E. through S. to W... Indicates outside limit of shoal off mouth of Bathurst Harbour.	928
White, square, wood..	33	1871	.....	Range lights, to guide vessels into the harbour. The lights in one lead westward of the red buoy making the outer end of the channel over the bar at the entrance to Bathurst harbour. Local knowledge required to enter.	930
Red and white striped, square, wood.	.....	1871 reb't 1878	.....		931
White, square, wood..	31	1879	.....	.....	935
Mast, with white shed at base.	39	1884	.....	Visible from all points of approach by water.	936
White, square, wood..	20	1875	.....	Visible from all points seaward....	938
White, square, wood..	33	1870	.....	Seen from all points of approach...	941
White, square, wood..	22	1886	.....	Visible easterly and north-westerly.	942
Square, white lantern projecting through roof of railway wooden freight shed.	34	1879	.....	Visible in line of range, and to the E.N.E. These two form a range to lead to the railway wharf clear of all shoals.	943
White, square, wood..	22	1879	.....		Visible in line of range.....
White, square, wood..	22	1879	.....	The two lights in one bearing S. 83° 30' W., lead from the intersection of their alignment with that of the Oak Point Range up to the wharves.	947
White, square, wood..	37	1879	.....		948

## PROVINCE

## GULF OF ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
961	OAK POINT RANGE.	Near W. extremity of point, Restigouche River.	48 2 40	66 36 30	F. white.....	C....	52	12
962		On hill, 2,231 ft. N. 68° 30' E. from front light.			F. white.....	C....	121	12
964	CARLETON.....	On Tracadigash Point.	48 5 15	66 7 0	F. white.....	C....	32	12
965	NEW RICHMOND.	On Duthie Point ....	48 10 20	65 53 45	F. white.....	D, 7..	50	12
966	POINT ECHOUERIE.	75 feet inside extremity of point.	48 1 26	65 28 0	F. white.....	D, 7..	52	12
967	NEW CARLISLE..	On outer end of wharf..	48 0 41	65 18 9	F. red.....		32	2
968	PASPEBIAC. ....	330 feet N. from S. extremity of Spit.	48 1 26	65 14 20	F. white.....	C....	50	12
970	PORT DANIEL...	On outer end of Government wharf.	48 10 42	64 56 21	F. white.....	D, 7..	35	11
972	MACQUEREAU POINT.	On extremity.....	48 12 30	64 46 25	Alt. red and white, one minute.	C....	56	12
973	NEWPORT POINT.	On island off extremity	48 17 23	64 42 42	F. white.....	D, p.	36	12
975	GRAND RIVER.....	On E. side of entrance, coast of Gaspé.	48 24 35	64 28 35	F. red. ....	D, 7..	52	8
977	CAPE DESPAIR.....	Near extremity.....	48 25 40	64 18 30	Rev. white, every ½ minute.	C....	90	15
979	PERCÉ.....	On White Head.....	48 30 30	64 12 40	F. white. ....	C....	149	13
980	BARACHOIS DE MALBAIE.	N. side of entrance ...	48 37 19	64 16 0	F. red.....	C....	70	4
981	POINT PETER.....	On Flat Rock, or Plateau, off the Point.	48 37 50	64 9 0	Rev. red, 30 secs.	C....	77	10
985	GASPÉ BAY LIGHT-SHIP.	At Sandy Beach Point, moored off extreme of Spit.	48 50 35	64 24 30	{ F. red on foremast F. white on mainmast.	{ D, p. D, p.	{ 29 37	{ 6 11

OF QUEBEC.

LAWRENCE—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood..	22	1879 re-established 1900	.....	Lights in one bearing N. 68° 30' E. lead from intersection with alignment of Campbellton Range across river to Quebec side. At 3½ cables from front light the range is opened on the port hand and an easterly course shaped to deep water.	961
White, square, wood..	22	1879 re-established 1900	.....		962
White, wood.....	28	1872	Hand horn answers signals from vessels.	.....	964
White, square, wood..	33	1904	.....	Visible from all points of approach by water.	965
White, square, wood; red, octagonal, iron lantern.	34	1902	.....	Visible from all points of approach by water.	966
Lantern on a mast at S. side of freight shed.	25	1903	.....	.....	967
White, square, wood, with dwelling near by.	54	1870 re-built 1881	Handhorn answers signals from vessels.	In running into the harbour the light changes to red, covering the anchorage over an arc of 45° between E.S.E. and S.S.E.	968
White, square, wood..	29	1902	.....	Visible from all points of approach by water.	970
White, square, wood, dwelling attached.	27	1874	Hand horn answers signals from vessels.	Marine telegraph and signal station	972
White, square, wood..	27	1895	Hand horn answers signals from vessels.	.....	973
White, hexagonal, wood, with red iron lantern.	43	1885	Hand horn answers signals from vessels.	.....	975
White, square, wood, dwelling with red roof attached.	43	1874	Hand horn answers signals from vessels.	Marine telegraph and signal station	977
White, square, wood..	29	1874	Hand horn answers signals from vessels.	.....	979
Lantern on a white pole, white wooden shed with red roof at its base.	38	1903	.....	Visible from all points seaward	980
White square, wood, dwelling attached.	50	1883	Hand horn answers signals from vessels.	Visible from all points seaward.	981
Hull red, with "Light Ship" on her side.	.....	1871	Bell rung by hand answers signals from vessels.	.....	985

## PROVINCE OF

## GULF OF ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
986	GASPÉ.....	O'Hara Point Wharf, Basin.	48 49 45	64 28 45	F. red.....	C.....	38	7
988	CAPE GASPÉ.....	Close to S. face.....	48 45 15	64 9 35	Gp. rev. white, 3 flashes 15 secs. apart followed by eclipse of 30 secs. Complete revolution 1 min.	C.....	355	26
	CAPE ROSIER.....	See No. 1058.						

## NEWFOUNDLAND

The following 9 lights, nearly all in Newfoundland territory, are maintained by the Dominion of Canada:—

995	BELLE ISLE, NORTH END.	Lighthouse and fog-alarm under construction.						
996		Summit of extreme S. point of Island.	51 52 53	55 21 49	F. white, visible from about S. 34° E. through E. and N. to N. 83° W.	D. 1..	470	28
997	BELLE ISLE.....	333 feet below the main light.			F. white.....	C.....	137	17
999	CAPE BAULD ...	Northernmost point of Newfoundland.	51 38 50	55 25 0	Alt. red and white, 45 seconds.	C.....	154	18
1000	CAPE NORMAN..	On the cliff, about $\frac{3}{4}$ mile from extreme point.	51 38 7	55 54 6	Rev. white, 2 minutes.	C.....	116	16
1002	AMOUR POINT...	S.E. side of Forteau Bay	51 27 26	56 50 28	Occ. white, visible 16 secs., eclipsed 4 seconds.	D, 2..	152	18
1004	FLOWER ISLAND.	On the point of the island nearest the channel.	51 18 26	56 43 33	Rev. white-30 secs.	C.....	51	12
1006	GREENLY ISLAND	On S.W. part of Island	51 22 26	57 9 52	Gp. rev. red and white. White, $\frac{1}{2}$ min., red $\frac{1}{2}$ min., white $\frac{1}{2}$ min., eclipse, $1\frac{1}{2}$ mins.	C.....	108	15

QUEBEC—Continued.

ST. LAWRENCE—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, with red roof, square, wood.	37				986
White, square, wood, red iron lantern. Tower rises from middle of S. face of dwelling.	46	1873 re-built 1892	Cotton powder bombs exploded every 15 minutes; and every 5 minutes when vessels' signals are heard in dangerous proximity.	Visible from all points seaward...	988

AND LABRADOR.

					995
White, circular, stone clapboarded with white dwelling attached.	59	1858 Siren 1899	First order double siren, operated by compressed air. The sirens will give blasts of low and high notes alternately thus: Low note 2½ secs.; silent 2½ secs.; high note 2½ secs.; silent interval 112½ secs.	The double siren is situated midway between upper and lower lights, 250 ft. above high water mark. Marine telegraph and signal and ice report station. Depot of provisions for shipwrecked mariners.	996
White, square, wood, iron lantern red.	31	1880		In fog, lower light may be visible when high obscured, or vice versa.	997
White, square, wood, with red iron lantern, dwelling attached.	54	1884	Steam horn gives a blast of 10 seconds in each minute.	Sea light, and to indicate entrance to Strait of Belle Isle, visible from all points of approach seaward.	999
White, hexagonal, wood Fog-horn building square, wood, white, with red roof.	55	1871 Fog-alarm, 1890	Steam horn gives a blast of 5 secs. every 35 secs.	Visible from all points of approach seaward. Horn 67 feet above h. w. m. 210 feet E. of light.	1000
White, circular, stone, wood covered, with white, red roofed dwelling attached. Fog-alarm building white, wooden.	104	1855 Fog alarm 1875 mov'd 1892	Whistle sounds a blast of 8 seconds every minute	Fog whistle on point, 166 feet S. by E. from lighthouse. If whistle becomes disabled, horn in same building will sound similar blasts. Marine telegraph and signal and ice report station.	1002
White, square, wood, with dwelling attached, red polygonal iron lantern.	50	1899		Visible from all points of approach by water.	1004
White, with lantern and dwelling roof red, octagonal, wood, with white wooden dwelling attached. Fog-alarm building white, wood, roof red.	78	1878	Steam-horn gives blasts of 10 seconds, with intervals of 80 seconds.	Light completes a revolution every 3 minutes. Horn 1,064 feet S.E. ¼ S. from the lighthouse.	1006

PROVINCE OF  
NEWFOUNDLAND

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1010	RICH POINT.....	W. coast of Newfoundland.	50 42	0 57 24 30	Gp. rev. white, showing 2 flashes 15 secs. apart and eclipse 30 secs. Complete revolution 45 secs.	C . . .	93	15
1013	CAPE RAY.....	On W. side of Cape, 650 feet from the shore.	47 37	0 59 18 0	Rev. white, 20 secs.	C . . .	127	17
For the convenience of mariners the following 12 lights, &c., on the S. coast of Newfoundland, not under Canadian control, have been inserted:—								
	PORT BASQUE.....	On Channel Cape. ....	47 33 50	59 7 11	F. red.....	D, 4..	101	15
	ROSE BLANCHE POINT	On E. extremity of Point.	47 35 48	58 41 31	F. white.....	D, 4..	95	11
	IRELAND ISLAND....	On E. side of entrance to La Poile Bay.	47 37 52	58 22 13	Rev. white 12 seconds.	D, 5..	67	9
	BOAR ISLAND.....	E. extremity of Burgeo Islands.	47 36 10	57 35 10	F. red.....	D, 4..	207	11
	RAMEA ISLANDS....	North west head of north west island.	47 30 30	57 24 35	Occ. white, visible 1½ seconds, eclipsed 1½ seconds.	.....	125	16
ST. PIERRE AND MIQUELON.	CAPE BLANC.....	N. W. extremity of Grand Miquelon.	47 6 10	56 24 9	Occ. white with red sector, visible 10 seconds in each minute.	D, 2..	103	15 to 16
	LANGLADE.....	On Plate Point.....	46 49 8	56 24 19	Fl. white with red sector; intervals of 5 seconds.	D, 1..	154	18
	GALANTRY HEAD.....	S. extremity of St. Pierre.	46 45 42	56 9 44	Gp. Fl. .... White flash 5 secs. Eclipse 15 " White flash 5 " Eclipse 15 " Red flash 5 " Eclipse 15 "	D, 2..	210	18
	LAMALIN HARBOUR..	S. E. Point of Allan Island.	46 51	0 55 48 0	F. white.....	D, 8..	64	8
	DÓDDING HEAD.....	S. Point of Grand Burin Island.	47 0 26	55 9 0	Rev. white, 1 minute.	D, 2..	430	24
	CAPE ST. MARY.....	On the Cape.....	46 49 34	54 11 34	Alt. white and red, 1 minute.	D, 1..	390	23

QUEBEC—Continued.

AND LABRADOR—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, octagonal, wood, with red iron lantern, white dwelling behind.	58	1871 re-built 1892	.....	Visible from all points seaward.....	1010
White, octagonal, wood, red iron lantern, white dwelling and outbuildings, with red roofs, near by.	75	1871 re-built 1885	Steam horn, established 1872, gives a blast of 10 seconds in each minute.	Horn at the shore ..... Marine telegraph and signal and ice report station.	1013
White, circular tower, iron.	30	1875	Cotton powder bombs exploded every minutes.	Under Newfoundland Government.	
Stone tower with vertical red and white stripes. Dwelling attached.	40	1874	.....	do do ..	
Circular iron tower with red and white horizontal bands.	39	1886	.....	do do ..	
Wooden tower, dwelling attached.	47	1874	.....	do do ..	
Iron, cylindrical tower, with red and white spiral bands.	35	1902	.....	do do ..	
Lower part white, upper part black, lantern white.	49	1883	.....	French light.....	
Black and white bands	127	1881	Siren gives blasts of 8 seconds' duration with alternate intervals of 8 seconds and 36 seconds.	do Red sector over Seal rocks	
Semicircular tower against square dwelling.	38	1862	Whistle sounds for six seconds with intervals of one minute.	do .....	
Octagonal wood, alternate red and white sides.	36	1879	.....	Under Newfoundland Government.	
Circular tower on dwelling.	25	1858	.....	do do ..	
Circular, iron, red.....	40	1860	.....	do do ..	

## PROVINCE OF

## NEWFOUNDLAND

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
	CAPE PINE.....	On the Cape.....	46 37 4	53 31 45	F. white.....	C.....	314	24
1020	CAPE RACE.....	On the Cape.....	46 39 24	53 4 17	Rev. white, 30 secs.	C.....	125	17
	For Nova Scotia lights see No. 136 <i>et seq.</i>							

## ISLANDS IN THE GULF

1024	ST. PAUL ISLAND.	N.E. POINT.....	On rock off point.....	47 13 55	60 8 20	F. white.....	D, 1..	140	18
1025		FOG WHISTLE..	S. side of island, S.E. of Atlantic Cove, about $\frac{1}{2}$ mile from Humane Station.	47 11 48	60 8 45	.....	.....	.....	.....
1026		S.W. POINT.....	On point.....	47 11 20	60 9 40	Rev. white, 1 minute.	D, 1..	118	17
1029		BIRD ROCKS....	On summit of Great Bird Rock.	47 50 40	61 8 20	Occ. white, visible 15 seconds eclipsed 5 seconds.	D, 2..	140	18
1030		BRYON ISLAND..	Light to be established.						
1031	MAGDALEN ISLANDS.	GRAND ENTRY HARBOUR.	On E. side of entrance; on N.W. extremity of sand spit.	47 33 57	61 33 25	F. red.....	C.....	29	4
1032		ETANG DU NORD	W. side of Grindstone Island.	47 23 20	61 57 30	Rev. white, 1 $\frac{1}{2}$ minutes.	C.....	97	15
1034		AMHERST ISLAND	S. point of Island.....	47 13 6	61 58 0	Alt. red and white, 30 seconds.	C.....	107	16
1036		ENTRY ISLAND..	On S. side of island....	47 16 30	61 42 0	F. white.....	C.....	93	15

QUEBEC—Continued.

AND LABRADOR—Concluded.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Circular with red and white horizontal bands	56	1831	.....	Under Newfoundland Government.	
Striped red and white vertically, cylindrical iron, with white wooden dwelling with red roof attached.	46	1856	Steam whistle, established 1872, sounds blasts of 5 seconds' duration with silent intervals alternately of 15 and 35 seconds between them.	Visible between bearings of E.N.E. 1020 and W.S.W. Whistle about 250 feet S. of light-house, connected by a covered way. Signal mast and lookout between lighthouse and whistle-house. (This station is under the control of Nova Scotia Agency.)	

OF ST. LAWRENCE.

White, octagonal, wood, dwelling near tower.	40	1839	.....	Obscured between N. by E. $\frac{1}{2}$ E. and E.N.E. (Establishments on this island are under the Nova Scotia Agency.)	1024
Brown, wood, whistle about 137 feet above water.	.....	.....	Steam whistle sounds for 5 seconds in each minute.	Marine telegraph and ice report station at main establishment on island.	1025
White, octagonal, wood	40	1831	.....	Obscured on bearings from S.S.E. to W. $\frac{1}{2}$ N. Lights are kept in operation as long as traffic is open, without reference to fixed dates.	1026
White, hexagonal, wood, with white dwelling near tower.	39	1870 re-built 1887	Cotton powder bombs exploded every 15 minutes; and every 5 minutes when vessels' signals are heard in dangerous proximity.	International Code flags kept here to enable keeper to make known wants.	1029
Lantern on a pole, with white shed at base.	30	1900	.....	.....	1030
White, square, wood..	42	1874	.....	.....	1031
White, square, wood..	42	1874	.....	.....	1032
White, hexagonal, wood	54	1871	.....	Visible over an arc of 198° from W. by N. $\frac{1}{2}$ N. round through N. to S. E. $\frac{3}{4}$ E. Marine telegraph and signal and ice report station.	1034
White, square, wood, dwelling attached.	42	1874	.....	Light visible from W.N.W. through N. and E. to S. This light will be this year moved.	1036

PROVINCE OF  
ISLANDS IN THE GULF

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1040	LIGHTSHIP.....	To be established off East Point.						
1041	HEATH POINT...	Near the E. end of the island.	49 5 20	61 42 16	F. white.....	C.....	99	15
1042	BACOT BLUFF...	$\frac{1}{2}$ mile W. from S. point	49 3 50	62 15 50	Rev. white, 20 seconds.	C.....	75	14
1044	SOUTH-WEST POINT.	On extremity.....	49 23 45	63 35 46	Rev. white, 1 minute.	C.....	94	15
1045	WEST POINT....	Extreme W. point, Anticosti Island.	49 52 30	64 31 40	F. white.....	D, 2..	106	16
1055	PERROQUET ISLAND..	On northwesternmost Island of the group, 83 feet from N. cliff and 228 feet from W. cliff	50 13 35	64 12 30	Rev. white, 30 seconds.	C.....	87	15

GULF OF ST.

	CAPE GASPÉ.....	See above, No. 988.						
1058	CAPE ROSIER.....	On Cape.....	48 51 38	64 11 50	Occ. white, visible 15 secs., eclipsed 5 secs.	D, 1..	136	17
1061	FAME POINT.....	County of Gaspé, South Coast.	49 6 48	64 36 20	F. white, varied by red flashes every 20 seconds.	C.....	200	20

QUEBEC—Continued.

OF ST. LAWRENCE—Concluded.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, with a red horizontal band, circular, faced and clap-boarded.	95	1835	Cotton powder bombs exploded every 15 minutes; and every 5 minutes when vessels' signals are heard in dangerous proximity.	The lighthouse kept open of Cor-morant point clears the reefs off Goose point. Visible between the bearings S. W. by W. to E. Marine telegraph and signal and ice report station.	1040
White, with a red vertical stripe, hexagonal, wood. White dwelling E. of tower, fog-alarm farther E. white, with red roof, wood.	54	1871	Steam horn sounds for 10 seconds in every minute. If the horn is out of order a whistle will sound similar blasts.	Horn 100 yards E. of lighthouse. This alarm is inaudible at any serviceable distance in some conditions of the atmosphere. Marine telegraph and signal and ice report station.	1042
White, with two red horizontal bands, circular, stone, clap-boarded.	90	1831	.....	Visible from all points of approach. Marine telegraph and signal and ice report station.	1044
White, with two red vertical stripes circular, stone, boarded. Fire-brick dwelling attached.	112	1858	Cotton powder bombs exploded every 15 minutes; and every 5 minutes when vessels' signals are heard in dangerous proximity.	Marine telegraph and signal and ice report station.	1045
White, with iron lantern red, square, wood, with dwelling attached.	55	1888	.....	Light visible from all points of approach except where intercepted by Mingan Island, between the bearings of N. W. by W. $\frac{1}{2}$ W. and N. W. $\frac{1}{2}$ N.	1055

LAWRENCE—Resumed.

White, circular, stone, clapboarded.	112	1858	Steam whistle sounds blasts of 10 seconds every minute.	If the whistle is out of order a horn will sound similar blasts. Marine telegraph and signal station.	1058
Red, square, wood. Fog alarm building, white, wooden.	50	1880 Fog alarm 1902	Fog siren, operated by compressed air, gives groups of blasts every 70 seconds, thus:—1 short blast, and then silent interval, taking 9 secs.; 2 short blasts, and then silent interval, taking 9 secs.; 1 short and 1 long blast, and then silent interval, taking 9 secs.; 2 short and 1 long blast; then silent interval of 40 secs.	Marine telegraph and signal station. Siren, 150 feet above high water mark, on edge of cliff, 180 feet northwestwardly of lighthouse.	1061

## PROVINCE OF

## GULF OF ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1063	CAPE MAGDALEN....	On Cape .....	49 15 35	65 19 15	Alt. red and white, 2 minutes.	C....	147	15 20 Red White
1065	MARTIN RIVER. ....	On S. shore, Gaspé County.	49 13 20	66 9 0	F. white.....	C....	125	17
1067	SEVEN ISLANDS ....	On Carousel Island....	50 5 25	66 23 5	F. white.....	C....	190	20
1071	CAPE CHAT.....	N.E. point of Cape....	49 5 55	66 45 29	Rev. white, 30 seconds.	C....	120	18
1074	EGG ISLAND.....	200 yards from S. end of Island.	49 38 0	67 10 0	Rev. white, 1½ minutes.	C....	74	15
1077	POINT DE MONTS....	About 1¼ miles N. E. of Point.	49 19 35	67 22 0	F. white.....	C....	93	15

## RIVER ST.

1082	MATANE BELL BUOY.	In 10 fathoms, 1 mile N.E. of Matane Lighthouse.	48 52 30	67 31 0	.....	.....	.....	.....
1083	MATANE PIER. ....	End of Government Pier.	48 51 50	67 31 35	F. white.....	C....	30	7
1084	MATANE .....	County of Rimouski..	48 51 35	67 31 40	F. white.....	C & D, p.	66	14
1086	LITTLE METIS.....	On the Point.....	48 41 0	68 2 20	Alt. red and white, 1 minute.	C....	56	13

QUEBEC—Continued.

LAWRENCE—Concluded.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, with a black vertical stripe, hexagonal, wood, dwelling behind. Alarm building white, with brown roof, wooden.	54	1871. Fog-alarm 1892	Steam-whistle 128 ft. above water, sounds blasts of 8 seconds in every half minute.	Marine telegraph and signal station. Whistle building stands on cliff in front and W. of light.	1063
White, with two black horizontal bands, square, wood, with dwelling attached.	54	1876	.....	Marine telegraph and signal station.	1065
White, with a red horizontal band, square, wood, with dwelling attached.	39	1870 re-built 1875	Cotton powder bombs exploded every 10 minutes.	Fog signal derrick stands 300 feet southeast of lighthouse.	1067
White, with two black vertical stripes, square, wood.	32	1871 re-built 1875	Cotton powder bombs exploded every 15 minutes; and every 5 minutes when vessels' signals are heard in dangerous proximity.	Visible from all points of approach seaward. Marine telegraph and signal station. Fog signal derrick stands on face of cliff, 106 feet E. of light.	1071
White, with a red vertical stripe, octagonal, on top of dwelling.	48	1871	.....	.....	1074
White, with two red horizontal bands, circular, stone, clap-boarded.	90	1830	Cotton powder bombs exploded every 15 minutes; and every 5 minutes when vessels' signals are heard in dangerous proximity.	Marine telegraph and signal station.	1077

LAWRENCE.

Black, iron buoy, surmounted by a bell.	.....	1902	Bell rung by motion of buoy on the water.	.....	1082
Lantern on a mast with shed at base, painted white.	20	1885	.....	Guide into Matane River.....	1083
White, with a black cross, square, wood, with dwelling attached.	39	1873 moved 1883	.....	Marine telegraph and signal station.	1084
White, square, with red roof, and dwelling attached.	40	1874	.....	Marine telegraph and signal station.	1086

## PROVINCE OF

## RIVER ST.

No.	Name.	Location	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1088	MANIKUAGAN SHOAL WHISTLING BUOY.	In 34½ fathoms, ¾ mile off shoal.	49 3 45	68 9 0				
1090	BERSIMIS RIVER...	On beach on N. shore of river, inside mouth. 360 ft. N. W. ¾ N. from front light.	48 56 10	68 38 28	F. white.....	C...	30	5
1091					F. white.....	C...	40	5
1095	FATHER POINT.....	On the point.....	48 31 30	68 27 40	Rev. white, 20 secs.	C..... acetylene.	48	12
1096	RIMOUSKI ROAD GAS BUOY.	In 7 fathoms, 1½ miles N. 24° E. from outer end of Rimouski Wharf.	48 31 0	68 30 47	Occ. white, visible 7 secs., eclipsed 6 secs.	D, gas		
1098	PORTNEUF.....	Near point of peninsula forming E. shore of Portneuf R. at its mouth.	48 37 15	69 5 10	F. white.....	C.....	40	11
1101	BICQUETTE ISLAND..	On N. side of island near middle of its length.	48 25 18	68 53 35	Rev. white, 45 seconds.	C.....	109	17
1105	GREEN ISLAND.....	On N. point of island..	48 3 17	69 25 5	E. white.....	C.....	47	13
1107	RED ISLET LIGHTSHIP.	In 20 fathoms of water, on the S. edge of Red Islet bank.	48 6 32	69 29 12	F. white.....	{ D, 7 (D, 7	34 22	12 .. }
1108	RED ISLET.....	On centre of islet ....	48 4 20	69 33 0	Gp. Rev. white, 3 flashes, 10 seconds apart followed by eclipse of 30 seconds; complete revolution 50 seconds.	C.....	68	12

QUEBEC—Continued.

LAWRENCE—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Red, iron, conical buoy, surmounted by 10-inch whistle.	.....	1902	Whistle sounded by motion of waves.	From the buoy, Manikuagan Point bears N. 14° 4' W. 3¼ miles; E. extremity, Manikuagan Peninsula, N. 8° 26' E. 5½ miles; and Outarde Point, N. 71° 43' W. 11½ miles.	1088
Lantern on mast, with white diamond beacon	20	1891	.....	This range is intended to lead into the river over sand bar, which extends over a mile outside Bersimis Point.	1090
Lantern on mast, with white diamond beacon.	30	1891	.....		1091
White, with a black horizontal band, square. Fog alarm building, white, rectangular, wood.	52	1859	First order siren, operated by compressed air. The siren will give blasts of high and low notes alternately, thus: High note 2½ secs.; silent 2½ secs.; low note 2½ secs.; silent interval 112½ secs.	Pilots stationed here. Marine telegraph and signal station. The siren, established in 1903, is elevated 17 feet above high water mark. The fog alarm building is on the beach, 432 feet N. 80° E. from lighthouse.	1095
Black, steel, cylindrical buoy, surmounted by a conical slatwork topmark and a lantern.	.....	1903	.....	Marks the point where mail steamer should meet tenders carrying mails to and from Rimouski wharf.	1096
White, with two red vertical stripes, square wood.	38	1873	.....	Marine telegraph and signal station.	1098
White, circular, stone, boarded. Fog-alarm building white, with red roof, wood.	74	1844	Steam horn sounds blasts of 10 seconds' with intervals of 50 seconds.	Horn established 1889, 50 feet N. of lighthouse. If this horn is disabled a similar signal will be given from a building 100 feet E. of tower.	1101
White, polygonal, stone, clapboarded; brown, wooden dwelling attached.	56	1809	Cotton powder bombs exploded every 15 minutes; and every 5 minutes when vessels' signals are heard in dangerous proximity.	.....	1105
Red, schooner rigged, with the words "Red Island Light-ship" on each side.	.....	1871	Steam-whistle sounds 10 seconds in every minute.	Follows ice down from Quebec every spring. Leaves her station every autumn on the 15th November.	1107
Grey, stone, circular surmounted by red iron lantern; white dwelling with brown roof attached.	64	1848	.....	.....	1108

## PROVINCE OF

## RIVER ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1109	PRINCE SLAO GHAS BUOY.	In 4 fathoms on S. edge of the westerly patch.	48 6 30	69 36 50	Occ. white .....	D, gas	9	4
1110	LARK ISLET .....	Entrance to River Saguenay.	48 6 45	69 40 50	F. white .....	C .....	40	11
1112	}	Front light on the point, near its E. extremity.	48 7 41	69 42 48	F. white .....	C .....	60	13
1113		POINTE NOIRE ....	Back light 1,558 feet N. 60° 15' W. from front light.		F. white .....	C .....	131	15

QUEBEC—Continued.

LAWRENCE—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Steel, conical-topped buoy, painted in red and black horizontal bands, with "Prince Shoal" in white letters surmounted by a lantern.	.....	1902	.....	Light must not be depended on....	1109
White, square, wood, standing on cribwork, with white dwelling near by.	40	1872	Steam-born sounds a blast of 8 seconds in every 38 seconds.	Horn in a gray wooden building with brown roof, about 250 feet S.W. by S. from lighthouse.	1110
White, square, wood; white, hexagonal, wooden lantern.	27	Relit 1903	.....	Lights visible in the line of range. Lights in one, bearing N. 60° 15' W., lead into mouth of Saguenay river, clear of Prince shoal, Bar reef and Vache shoal. Heavy draught vessels should keep the range slightly open on the port bow when passing Prince shoal and Bar reef.	1112
White, square wood; white, hexagonal, wooden lantern.	27	Relit 1903	.....		1113

## PROVINCE OF

## RIVER

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1115	ANSE ST. JEAN.....	On pier head, S. side of St. Jean Bay.	48 14 44	70 10 44	F. white.....	D, p.	16	8
1116	ST. ALPHONSE.....	On pier head, bottom of Ha Ha Bay.	48 21 17	0 53 0	F. white.....	C.....		
1119	POSTE ST. MARTIN.	Front light on S. side of river, 200 feet from bank.	48 26 34	70 57 55	F. white.....	C.....	18	9
1120		Back light 830 ft. N. 52° 45' W. from front light.			F. white.....	C.....	39	11
1121	RIVER VALIN.....	Front light on N. bank, E. of mouth of river Valin.	48 27 50	70 58 28	F. white.....	C.....	18	9
1122		Back light N. 25° W. 710 ft. from front light			F. white.....	C.....	35	11
1123	SAVARDS.....	Front light on N. bank, east of river Caribou.	48 27 49	70 59 58	F. white.....	C.....	16	8
1124		Back light, N. 48° W., 490 feet from front light.			F. white.....	C.....	39	11
1125	RIVER CARIBOU...	Front light on N. bank W. of river Caribou, in alder swamp.	48 27 30	71 0 49	F. white.....	C.....	14	8
1126		Back light, N. 62° 30' W. 720 feet from front light.			F. white.....	C.....	32	10
1127	RIVIÈRE DU MOULIN.	Front light on S. bank, E. of mouth of river du Moulin.	48 26 17	71 1 48	F. white.....	C.....	32	10
1128		Back light in trees on hill side, 400 ft. S. 55° 30' W. from front.			F. white.....	C.....	56	13
1129	CHICOUTIMI.....	On outer end of wharf.	48 26 7	71 3 5	F. red down riv. white across river.	C.....		8

QUEBEC—Continued.

SAGUENAY.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Brown pole, beside freight shed on outer end of wharf.	16				1115
Brown pole, rising from freight shed.					1116
White, rectangular, wood.	20	1873		Alignment leads through the middle of the deep water channel clear of the flats off Anse au Foin and the east extremity of the Batture aux Loups Marins to intersection with River Valin range.	1119
White, square, wood, with diamond beacon facing alignment.	38	1873			1120
White, square, wood, with diamond slat-work facing alignment.	19	1873		Alignment leads N.W. by N. $\frac{1}{2}$ N. towards north shore to intersection with Savard range.	1121
Lantern hoisted to top of slatted framework, with shed at base, white, with red roofs.	35	1873			1122
White, square, wood, with diamond day mark facing alignment.	17	1873		Alignment leads N.W. $\frac{1}{2}$ W. along N. part of channel to intersection with River Caribou range.	1123
White, square, wood, with irregular beacon attached.	31	1873			1124
White, square, wood, with beacon facing alignment.	17	1873		Alignment leads W.N.W. to intersection with River du Moulin range, opposite mouth of River Caribou.	1125
Lantern on a mast with diamond-shaped day-mark.	32	1873			1126
White, square, wood, with irregular beacon facing alignment.	18	1873		Alignment leads S.W. by W. towards south shore of river, opposite Cape St. Francois.	1127
do do	24	1873			1128
Brown pole rising through roof of freight shed.				Leads to public wharf.	1129

## PROVINCE OF

## LAKE

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1134	ROBERVAL RANGE.	On beach at high water mark.			F. red incandescent light.	C	15	5
1135		Back light 95 feet from front light.			F. red incandescent light.	C	30	5
1138	POINTE BLEUE	Extremity of point			F. white.	D, p.	28	5
1140	RIVIÈRE À LA PIPE.	On S. W. corner of wharf, $\frac{3}{4}$ mile W. of mouth of river.	48 39 14	71 50 56	F. white	D, p.		
1141	ÎLE AU BÉLIER	On S.W. end of island.	48 31 44	71 47 10	F. white.	D, p.		

QUEBEC—Continued.

ST. JOHN.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Lantern on a mast . . . .	16	1889		} To lead vessels through channel up to Roberval wharf.	1134
Lantern on a mast . . . .	25	1889			1135
Lantern on mast, with red shed at base.	25	1898			1138
Lantern on a pole . . . .		1901			1140
Lantern on a pole, with a small shed at base.	16	1901			1114

## PROVINCE OF

## RIVER ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
	BICQUETTE ISLAND...	See above, No. 1101.						
	GREEN ISLAND.....	See above, No. 1105.						
1142	WHITE ISLAND REEF LIGHT-SHIP.	In 8 fathoms off the N. E. extremity of White Island Reef.	47 58 45	69 37 35	Two F. white, one on each mast.	D, 7.. D, 7..	24 27	10 10
1144	BARRETT LEDGE GAS AND BELL BUOY.	In 4 fathoms on E. side of Ledge.	47 53 11	69 37 5	Occ. white.....	D. Gas	14	8
1145	RIVIÈRE DU LOUP....	On end of Government Wharf.	47 50 59	69 34 1	F. white.....	D, 7..	36	11
1147	BRANDY POTS. ....	84 yards from S. E. end of Islet.	47 52 31	69 40 41	F. white.....	D, 4..	57	10
1149	PILGRIM SHOAL GAS AND BELL BUOY.	On W. end, in 4 fathoms	47 45 50	69 43 35	Occ. white.....	D. Gas	14	8
1150	LONG PILGRIM.....	40 yards W. of centre of Island, and 108 yards S. from water's edge.	47 43 8	69 44 40	F. white.....	D, 4..	180	12
1153	CAPE SALMON.....	On N. E. extremity of Cape.	47 46 20	69 54 8	Rev. white, 15 seconds.	C ..	77	14
1156	GRANDE ISLE, KAMOURASKA.	240 yards from N. E. end of Island, 160 yards from water's edge.	47 37 30	69 51 28	Rev. white, 30 seconds.	C ....	109	18
1158	CAP À L'AIGLE.....	On outer end of pier...	47 39 45	70 5 32	F. white.....	D, p..	38	6
1160	MURRAY BAY.....	On outer end of pier ..	47 37 23	70 8 19	F. white.....	D, p..	30	10
1161	STE. IRÉNÉE.....	On outer end of Government wharf.	47 34 19	70 11 53	F. red to eastward or down stream, white to southward and westward.	D, p..	32	7

QUEBEC—Continued.

LAWRENCE—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Painted red, with "White Island Reef" in white on each side	.....	1893 Gas buoy 1886	8-in. steam-whistle, sounds blast of 8 secs., interval 8 secs., blast 8 secs. then interval of 2 min. and 20 secs.	.....	1142
Red iron pillar buoy with "Barrett Ledge" in white, surmounted by lantern and bell.	.....	1886	Bell rung by motion of buoy.	Light cannot be depended upon. From the buoy Brandy Pots Light bears W. $\frac{1}{2}$ N. 2 $\frac{1}{2}$ miles, and Rivière du Loup Light S.S.E. 2 $\frac{1}{2}$ miles.	1144
White, square, wood...	35	1882	.....	Marine telegraph and signal station	1145
Gray, circular, brick, metal lantern and dwelling roofs red, dwelling walls white.	39	1862	.....	Tower rises out of centre of a square wooden dwelling.	1147
Iron pillar buoy painted black with "Pilgrim Shoal" in white, surmounted by lantern and bell.	.....	1886	Bell rung by motion of buoy.	Light cannot be depended upon. From buoy Long Pilgrim Light bears S. W. by S. $\frac{1}{2}$ S. distant 3 miles.	1149
White, with lantern roof red. Circular, brick.	39	1862	.....	Tower rises out of centre of a square wooden dwelling.	1150
White, square, wood. Red iron lantern. Tower rises from middle of S.E. face of dwelling.	46	1894	Steam horn gives blasts of 8 seconds with intervals of 22 seconds.	Locally known as Pointe des Roches.	1153
White, square, wood, with dwelling attached. Iron lantern and dwelling roofs red.	39	1862	.....	.....	1156
Lantern on a mast	35	1882	.....	.....	1158
Lantern on roof of shed on wharf, roof red, lantern white.	27	1882 im- prov'd 1890	.....	.....	1160
Square lantern on apex of roof of drab, wooden freight shed with brown roof.	31	1901	.....	.....	1161

## PROVINCE OF

## RIVER ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Lights.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1163	POINTE AUX ORIGNAUX.	On a wharf, River Ouelle.	47 29 25	70 1 34	F. white.....	C....	34	10
1165	GOOSE CAPE OR CAP AUX OIES.	Charlevoix County....	47 29 26	70 13 50	F. white.....	C....	53	12
1167	LES EBOULEMENTS..	On outer end of pier at Cap St. Joseph.	47 27 27	70 21 54	F. white.....	D, p..	22	5
1168	ISLE AUX COUDRES..	On outer end of pier...	47 25 22	70 23 31	F. white.....	D, p..	26	5
1170	BAY ST. PAUL. ....	On a wharf in middle of the Bay.	47 24 38	70 28 46	F. white .....	C....	33	10
1173	MIDDLE GROUND GAS BUOY.	Near E. end of the S. Traverse.	47 24 37	70 13 48	Occ. white, 6 secs..	D, Gas	10	8
1174	LOWER TRAVERSE LIGHTSHIP.	In 7½ fathoms on E. side of S. Traverse at its lower end, ¾ mile N.E. from Lower Traverse pier.	47 21 50	70 14 51	Two F. white and one F. red. One F. white at each mast head and red on stay between the masts.	D, 7.. D, p.. D, p..	31 25 49	9
1175	LOWER TRAVERSE PIER.	On E. side of S. Traverse at its lower end, 1½ miles N.E. of Upper Traverse Lighthouse; and near northern end of St. Roch Shoal.	47 21 21	70 15 12	Two F. white, one on each mast.	D, 7..	.....	6
1176	SOUTH TRAVERSE MIDDLE GROUND GAS BUOY.	On S. edge Middle Ground.	47 21 44	70 15 27	Occ. white.....	.....	.....	.....
1177	UPPER TRAVERSE...	On pier on N.W. edge of St. Roch Shoal; and nearly 4 miles N.W. by W. from St. Roch Church.	47 19 55	70 16 10	F. white.....	C....	47	12
1178	UPPER TRAVERSE GAS BUOY.	In 4½ fathoms, 4½ cables N.W. ¾ W. from Upper Traverse Lighthouse.	47 20 57	70 16 45	Occ. white.....	D, Gas	10	4
1180	CHANNEL PATCH GAS AND BELL BUOY.	On the Patch in 3 fathoms.	47 14 33	70 19 35	Occ. white.....	D, Gas	14	8

QUEBEC—Continued

LAWRENCE—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood.	28	1875			1163
White, square, wood, with dwelling attached.	42	1876			1165
Lantern on roof of shed	18	1882			1167
Lantern on a mast	20	1882			1168
White, square, wood, dwelling attached.	30	1876			1170
Iron cylindrical buoy painted red with "Middle Ground" in white letters, surmounted by a conical slatwork and a lantern.		1893		Light must not be depended upon.	1173
Red, with words "Lower Traverse" in white on each side. Two masts, with red ball at main top mast head.		1836 last refitted 1889	Steam-whistle gives blasts of 12 seconds with intervals of 48 seconds.	The ball or main mast light will be lowered, if from any cause the light-ship moves from her station.	1174
Steel-sheathed, concrete pier, pointed, sloping ends. Lantern on masts, temporarily.		1902			1175
Red, iron, conical-topped buoy, surmounted by a lantern.		1903		Light must not be depended on.	11.
White, square, wood, with dwelling attached, on black cribwork pier, pointed sloping ends, steel sheathed. Red, polygonal, iron lantern.	42	1871 Tower 1900	Bell rung by hand.	Visible from all points of approach. From off light the bearing S.W. $\frac{1}{2}$ S. leaves Channel Patch gas buoy on starboard.	1177
Red, iron, spar buoy		1901		Marks the N.W side of deep water channel. Light must not be depended on.	1178
Iron pillar buoy, painted in red and black horizontal bands, with "Channel Patch" in white, surmounted by bell and lantern.		1886	Bell rung by the action of the waves.	Light must not be depended on. From buoy Stone Pillar Light bears S.W. $\frac{3}{4}$ W. $2\frac{1}{10}$ miles.	1180

## PROVINCE OF

## RIVER ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1181	STONE PILLAR. ....	100 yards from S. point of Islet.	47 12 25	70 21 36	Rev. white 30 seconds.	C....	83	14
1182	ALGERNON ROCK....	In channel, S. E. of Stone Pillar.	47 12 11	70 21 15	F. white .....	D, 6..	36	6
1184	PORT JOLI SHOAL GAS BUOY.	In 5 fathoms, on the W. side of the more easterly 2½ fathom patch off Port Joli.	47 12 42	70 20 0	Occ. white.....	D,Gas	9	4
1186	BEAUJEU BANK E. END GAS BUOY.	In 3 fathoms on Shoal.	47 6 13	70 27 56	Occ. white.....	D.Gas	10	8
1187	BEAUJEU BANK W. END GAS AND BELL-BUOY.	In 3½ fathoms on Shoal.	47 4 11	70 30 37	Occ. white 6 seconds.	D.Gas	14	8
1191	CRANE ISLAND.....	On outer end of pier, 1½ miles from W. point of Island.	47 2 47	70 32 50	Occ. white obscured 4 seconds in every 30 seconds.	D, 7..	48	12
1193	ST. THOMAS DE MONTMAGNY.	At outer end of Government Wharf.	46 59 26	70 33 15	F. red.....	C....	26	3
1194		Back range, 1,971 feet S. ¼ W. from front light.			F. red.....	C...	44	3
1195	ST. THOMAS BANK GAS BUOY.	In 5 fathoms on outer end of St. Thomas Bank.	47 1 25	70 35 2	Occ. white, visible 8 secs., eclipsed 7 secs.	D.Gas	10	4
1197	GROSSE ISLE GAS BUOY.	On W. end of Margaret Island Bank in 3½ fathoms.	47 0 25	70 39 9	Occ. white.....	D.Gas	10	8

QUEBEC—Continued.

LAWRENCE—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Grey, circular, stone, surmounted by red metal lantern. White dwelling with brown roof near by.	52	1843			1181
White, square, wood, surmounted by iron lantern with red roof, on black cribwork pier.	32	1878		Rock covers at half flood.	1182
Black, steel, cylindrical buoy, with "Port Joli" in white letters, surmounted by a conical slatwork topmark and a lantern.		1902		Light must not be depended on. From the buoy Stone Pillar light-house bears N. 86½° W., 1½ miles.	1184
Iron spherical buoy, black and red horizontal bands, with "Crane Island Flats" in white, surmounted by red lantern.		1886		Light must not be depended on. From it Crane Island light bears S. W. by W. ¼ W. 5 miles.	1186
Iron pillar buoy red and black horizontal bands with "Beaujeu Bank" in white; surmounted by a bell and by lantern.		1886	Bell rung by the action of the waves.	Light must not be depended on. From buoy Crane Island light bears S.W. by W. ½ W. 2½ miles.	1187
White, octagonal, wood with red iron lantern.	48	1862 reb't 1885		Light, 26 seconds; dark, 4 seconds.	1191
White open framework tower.	26	1883 reb't 1897			1193
White open framework tower.	36	1897		A guide to enter harbour only.	1194
Black spherical iron buoy, with "St. Thomas Bank" in white, surmounted by lantern.		1899		Light must not be depended on. Visible from all points of approach by water.	1195
Red spherical, iron buoy, with "Quarantine" in yellow, surmounted by small red lantern.		1887		To enable vessels to call at Quarantine Station by night. From buoy S.W. extremity of Margaret Island bears N.E. ¼ E. 1¼ miles.	1197

## PROVINCE OF

## RIVER ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1202		On slope of cape above Cap Rouge.	47 6 35	70 43 3	F. white.....	C.....	148	15
1203	MONTÉE DU LAC OR CAP BRULÉ.	Front range light, 60 feet N. 16° W. from main light.			F. white.....	C.....	128	15
1204		Back range light, 330 feet N. 33° E. from front light.			F. white.....	C.....	158	15
1208		Front light at shore on eastern end, Island of Orleans, 1,575 feet S. 87° E. from St. François Church.	47 0 16	70 48 30	F. white.....	C.....	30	10
1209	St. FRANÇOIS.....	Back light, 4,230 feet S. 60° W. from front light.			F. white.....	C.....	77	14
1212	BELLECHASSE.....	On summit of Bellechasse Island, near its east end.	46 56 12	70 45 53	Occ. white..... Visible...5½ secs. Eclipse...3 secs.	D, 4..	54	12
1214	MADAME ISLAND REEF GAS BUOY.	W. end of reef in 6 fathoms.	46 56 0	70 50 32	Occ. white.....	D, Gas	10	8
1216	St. JEAN.....	On the extremity of the wharf, Island of Orleans.	46 54 54	70 53 51	F. white.....	C.....	30	10
1218	St. LAURENT.....	On the wharf, near its outer end, Island of Orleans.	46 51 32	71 0 20	F. white.....	D, 7..	33	11
1220	BEAUMONT REEFS GAS BUOY.	In 5 fathoms 7 cables S. 6° W. from St. Laurent Lighthouse.	46 50 53	71 0 7	Occ. white.....	D, Gas	9	4
1222	StE. PETRONILLE...	On W. extremity of point, western end of Island of Orleans; and E. of Quebec and Orleans ferry wharf.	46 50 43	71 7 58	Occ. white.....	D, 7, Gas.	33	3

QUEBEC—Continued.

LAWRENCE—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, dwelling near by.	34	1870	.....	Coast light.....	1202
Open framed tower....	24	1875	.....	} Range lights. Lead between Traverse Spit and Brulé Bank.	1203
Open framed tower....	34	1875	.....		
White, square, wood, lantern roof red.	28	1875	.....	} Alignment leads through North Channel Traverse. Should be opened $\frac{1}{2}$ sail's breadth to W. in passing chequered buoy, and then closed again.	1208
White, square, wood, lantern roof red.	30	1875	.....		
White with red roofs, square, wood, with dwelling attached.	40	1862	.....		1212
Iron spherical, buoy painted red with "Madame Island Reef" in white, surmounted by a small red lantern.		1887	.....	Light must not be depended on....	1214
White, square, wood. Lantern roof red.	30	1874	.....		1216
White, octagonal, metal lantern with green roof, on roof of pink, rectangular, wooden freight shed with moss-green roof.	38	1869 mov'd 1903	.....	Visible from all points of approach by water. The light kept open of point $2\frac{1}{2}$ miles to westward, just clear Maranda Rocks buoy.	1218
Black, steel, cylindrical buoy, with "Beaumont" in white letters, surmounted by a conical slatwork topmark and a lantern.		1902	.....	Light must not be depended on....	1220
White, square, wood; lantern roof red.	34	1901	.....	Visible from all points of approach by water.	1222

PROVINCE OF  
RIVER ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
	MONTÉE DU LAC.	See above, 1202.						
1228	ST. E. FAMILLE FRONT RANGE.	On beach near stone mill, south side of channel.	46 57 50	70 58 48	F. white.....	C.....	50	12
1229	ST. E. FAMILLE BACK RANGE.	2,671 feet, N. 70° E. from front light, on top of hill and about ¼ mile S.W. from church.			F. white.....	C.....	245	16
1230	ST. PIERRE FRONT RANGE.	On beach on south side of channel, on point at narrowest part.	46 55 37	71 2 37	F. white.....	C.....	20	9
1231	ST. PIERRE BACK RANGE.	539 feet S. 59° W. from front light, in low field.			F. white.....	C.....	50	12
1232	ANGE GARDIEN FRONT RANGE.	On beach on point between Montmorency Falls and L'Ange Gardien Village.	46 53 59	71 7 24	F. white.....	C.....	20	9
1233	ANGE GARDIEN BACK RANGE.	1,420 feet N. 44° E. from front light, on hill side.			F. white.....	C.....	33	11
1236	QUEBEC FRONT RANGE.	N.E. corner of Princess Louise Embankment near Immigration Offices.	46 49 17	71 12 15	F. red, electric....	Arc light.	43	8
1237	QUEBEC BACK RANGE.	On cross wall, Princess Louise Basin, 1690 feet W. S. W. from front light.			F. red, electric ..	Arc light.	103	8
1242	POINTE À BASILE RANGE.	Front light 260 feet E. from extremity of point.	46 43 49	71 20 0	F. white.....	C.....	93	15
1243		Back light 4,100 feet E. ½ S. from front light.			F. white.....	C.....	200	20
1246	TREMBLES SHOAL GAS BUOY.	In 7 fathoms off S.E. extremity of shoal.	46 41 10	71 33 20	Occ. white.....	D. gas	14	8

ORLEANS CHANNEL.

QUEBEC—Continued.

LAWRENCE--Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Mast, with white shed at base.	50	1885	.....	These two in one lead through best water clear of all obstructions from intersection with St. Pierre range off Batture des Islets to intersection with L'Ange Gardien range off Pointe au Pavillon black buoy.	1228
White, with red roof, square, wood.	21	1885	.....		1229
White, with red roof, square, wood.	23	1885	.....	These two in one lead clear of all obstructions from mid-channel opposite Ste. Famille Wharf to intersection with Ste. Famille Range.	1230
White mast; white shed with red roof at base.	50	1885	.....		1231
White, with red roof, square, wood.	23	1885	.....	These two in one lead clear of all obstructions from intersection with Ste. Famille Range to junction of Orleans channel with ship channel opposite W. point, Island of Orleans.	1232
White, with red roof, square, wood.	21	1885	.....		1233
Mast rising from small brown wooden tower.	40	1891	.....	Front light visible from all points of approach by water, back light in and over a small arc on each side of line of range. In one guide vessels to the Commissioners' Wharf.	1236
Shown from E. face of unpainted wooden marine tower covered with galvanized iron.	113	1891 mov'd 1901	.....		1237
White, square, wood; red, octagonal, iron lantern.	49	1900	.....	Front light visible from all points of approach by water, back light visible in line of range. In descending the two lights should be brought in one bearing E. ½ S. when abreast of Frechette Islands and kept in one till Confederation Point is abeam.	1242
White, square, wood; lantern roof red	25	1900	.....		1243
Red iron spherical buoy, with "Trembles Shoal" in white, surmounted by a small red lantern.		1890 buoy 1892	.....	From the buoy, Pointe aux Trembles Church bears N. W., and St. Antoine Church S. W. ½ W.	1246

## PROVINCE OF

## RIVER ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1247	ST. ANTOINE RANGES.	Front light of upstream range. On W. side of St. Antoine Point, 2,640 feet N. 56° W. from St. Antoine Church.	.....	.....	F. white, visible in line of range.	C.....	36	6
1248		Back light of upstream range and front light of downstream range. On black cribwork pier on E. side of St. Antoine Point, 826 ft. N. 88° 30' E. from front light of upstream range.	46 40	3 71 34 51	F. white, visible all points approach.	D, 7..	68	9
1249		Back light of downstream range, 825 ft. S. 65° W. from front light of downstream range.	.....	.....	F. white, visible all points approach.	C.....	203	16
1252	{ STE. CROIX, FRONT RANGE.	On edge of bank, 2 miles below Ste. Croix village.	46 37 45	71 42 30	F. white.....	C.....	186	8.
1253	{ STE. CROIX, BACK RANGE.	1,400 feet S. E. $\frac{1}{4}$ E. from front range.	.....	.....	F. white....	C...	238	8.
1255	STE. CROIX GAS BUOY.	Off W. extremity of Paget Bank or Ecur-euil Shoal.	46 38 26	71 43 59	Occ. white.....	D, Gas	10	8.
1256	STE. CROIX.....	On shore, near high water mark, and $\frac{1}{4}$ mile N. of church.	46 37 45	71 44 10	F. white.....	C.....	41	6.
1258	PLATON POINT GAS BUOY.	In 5 fathoms $\frac{1}{5}$ mile northward of outer end of Platon Wharf.	46 40 43	71 51 23	Occ. white.....	D, Gas	9	4.
1260	PORTNEUF.....	On N. shore, $\frac{1}{2}$ mile off the river.	46 41 48	71 52 10	F. white.....	C...	120	5.
1261		540 feet N.E. of front light.	.....	.....	F. white.....	C.....	200	5
1263	BARRE À BOULARD.	Back range on edge of cliff in axis of dredged channel.	46 39 37	71 52 42	F. white.....	C.....	160	11.
1264		Front range on Richelieu Island reef, 10,400 feet S. 70° W. from back range.	.....	.....	F. white.....	D, 7..	40	9.

QUEBEC—Continued.

LAWRENCE—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, lantern roof red.	30	1902			1247
Brown, square, steel skeleton tower; enclosed upper part white, wood; lantern roof red.	65	1902		Vessels on leaving Pointe à Basile alignment take that of St. Antoine Point traverse range lights, S. 65° W., keeping it until gas buoy is passed, when they shape a course S. 81½° W. to get on the alignment of the upstream range, keeping that until past buoy 32 Q.	1248
Brown, square, steel skeleton tower; enclosed upper part white, wood; lantern roof red.	65	1902			1249
White, square, wood; lantern roof red.	23	1899			1252
White, square, wood; lantern roof red.	54	1899		To show the centre of dredged channel through St. Croix Bar.	1253
Red iron cylindrical buoy, with "St. Croix" in white, surmounted by a small red lantern.		1890 buoy 1892		To mark N. edge of dredged, cut at lower end.	1255
White, square, wood..	41	1842		A small light to assist in keeping in channel for some distance up and down the river.	1256
Black, steel, cylindrical buoy, with "Platon" in white letters, surmounted by a conical slat work topmark and a lantern.		1902		Light must not be depended on. Marks the turn in the ship channel off Platon Point.	1258
White, wood; lantern on roof of dwelling.	30	1842			1260
White, stone.....	26	1842		Lead up Richelieu Channel to the light on Richelieu Island.	1261
Red, square, steel, skeleton tower, with white, wooden slat-work on upper portion of side facing channel; enclosed upper part white, wood.	10	1899 Tower 1903		Front light visible from all points of approach by water; back light in and over small arc on each side of line of range. Lead up through axis of 500-foot channel and give good water nearly to Batture Simon buoy, No. 68 Q. To clear this open lights to southward. After passing buoy close gradually till Horse-back bar lights are on.	1263
White, octagonal, wood, on red brown circular pier, red iron lantern.	42	1899			1264

## PROVINCE OF

## RIVER ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1266	PLATON .....	On S. side, 1½ miles below Richelieu Island.	46 39 13	71 53 8	F. white.....	C....	130	12
1267		507 feet E. by N. ½ N. from front light.			F. white.....	C....	152	12
1268	RICHELIEU.....	Centre of Island.....	46 38 25	71 54 51	F. white.....	C....	27	6
1270	LOTBINIERE.....	On S. shore, a mile above the church.	46 36 41	71 57 32	F. white.....	C....	23	8
1271		2,850 feet S.W. by W. ¼ W. from front light.			F. white.....	C....	35	10
1273	LANGLAIS POINT....	On S. shore, ¾ mile below Great Chêne River.	46 35	571 59 35	F. white.....	C....	35	5
1274	BATTURE SIMON GAS BUOY, No. 68 Q.		46 35 31	72 0 50	Occ. white.....	D, gas	9	4
1275	STE. EMÉLIE.....	On top of bank on S. shore, a mile above village.	46 33 40	72 1 0	F. white.....	C....	114	16
1276		3,420 feet S. 70° 30' E. from front light.			F. white.....	C....	131	16
1279	CAPE CHARLES.....	Front light on extreme of Cape.	46 33 37	72 4 20	F. white.....	C....	92	6
1280		Lower back light 80 yards S. 67° E. from front light.			F. white.....	D, 7..	120	6
1281		Upper back light at top of steep cape, 1,250 feet S. 69° W. from front light.			F. white.....	C....	145	12
1285	GRONDINES.....	On flats, N. shore, about 1½ miles above church.	46 35 25	72 5 0	F. white.....	C....	25	5
1286		In village, 1,350 yards E. N. E. from front light.			F. white.....	C....	60	5

QUEBEC—Continued.

LAWRENCE—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White with black vertical stripe facing channel, square, wood.	7	1824	.....	Lead through Richelieu Rapids and across Barre à Boulard. These lights do not correctly mark the improved ship channel.	1266
White with black vertical stripe facing channel, octagonal, wood.	24	1816	.....		1267
White, octagonal, stone	35	1816	.....	This light and the lights on Platon Point are very nearly in the same bearing, viz.: N. 73° E.	1268
White, with red roof, square, wood.	17	1871	.....		1270
White, with red roof, square, wood.	17	1871	.....	Lead up through Richelieu rapids from the alignment of the Port-neuf to that of the Barre à Boulard range lights.	1271
White, square, wood..	8	1844	.....		1273
Red, steel, cylindrical buoy, with "68 Q" in white on the sides, surmounted by a conical slatwork topmark and a lantern.		1903	.....	Marks S. extremity of Batture Simon.	1274
White, square, wood, with red vertical stripe on side facing alignment.	30	Built 1880 lit 1898	.....	Lights, in one N. 70° 30' W., lead midway between the red and black buoys from the curve at Cap Charles to the curve at Cap à la Roche. The channel marked by this range is 300 feet wide. Back light visible from all points of approach in the channel.	1275
do do ..	30	Built 1880 lit 1898	.....		1276
White, polygonal, wood	12	1856	.....		1279
Lantern on a mast....	40	1856 changed 1890	.....	Front light and lower back light in one lead between Cap à la Roche and Cape Charles. Front light and upper back light in one, bearing S. 69° W., lead through axis of dredged channel through Horse-back bar to intersection of alignment of Ste. Emélie range.	1280
Red, square steel skeleton tower; enclosed upper part white, wood.	61	1901	.....		1281
White, with red vertical stripe, square, wood.	25	1857	.....		1285
White, with red vertical stripe, octagonal, wood.	40	1857	.....	Lead to upper entrance of Cap à la Roche Channel.	1286

## PROVINCE OF

## RIVER ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1292	ST. PIERRE DES BECQUETS.	S. shore, summit of St. Pierre Point.	46 30 33	72 12 36	F. white	C	85	5
1295	BATISCAN	N. shore $\frac{1}{2}$ mile below Batiscan Church, about 600 feet from shore.	46 30 35	72 15 0	F. white	C	20	4
1296		2,050 feet W. by S. $\frac{1}{2}$ S. from front light.			F. white	C	42	4
1299	CITROUILLE POINT.	On pier on beach, N. shore.	46 27 12	72 16 10	F. white	D, 7.	40	11
1302	CHAMPLAIN	300 yards above village church.	46 26 26	72 20 55	F. white	C	34	6
1303		750 feet N. E. by E. from front light.			F. white	D. p.	60	6
1306	CAPE MADELEINE, LOWER RANGE.	230 feet from river bank on N. shore, $2\frac{1}{2}$ miles below Cape Madeleine church.	46 23 46	72 27 18	F. white	C	44	6
1307		536 feet N. 60° 30' E. from front light.			F. white	C	54	6
1310	CAPE MADELEINE, UPPER RANGE.	Near river bank on N. shore, 2 miles below Cape.	46 23 16	72 28 28	F. white	C	40	6
1311		Back tower, 855 feet S. 85° W. from front.			F. white	C	55	6
1321	PORT ST. FRANCIS	On a pier near wharf.	46 16 17	72 37 16	F. white	C	14	4
1322		On pier, E. by N. $\frac{1}{4}$ N., 550 feet from front light.			F. white	C	36	11
1328	POINTE DU LAC.	N. shore	46 16 50	72 40 22	F. white	C	71	12
1330	EAST LIGHTSHIP (No. 3).	Off Pointe du Lac, 9,430 feet S. 70 $\frac{1}{2}$ ° W. from lighthouse.	46 15 55	72 42 15	F. white	D, 7.	22	9

QUEBEC—Continued.

LAWRENCE—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, octagonal, wood	30	1844			1292
White, octagonal, wood	18	1844 moved 1879		Lead through channel dredged in Batture Ste. Anne	1295
White, octagonal, wood	36				1296
White, square, wood, red iron lantern on middle of roof.	41				1299
White, square, wood..	23	1844 moved 1879			1302
Lantern on a mast....	46	1878			1303
White, square, wood, polygonal, wooden lantern.	26	1843 moved 1891		The alignment leads into the upper entrance to the channel north of Provencher Shoal.	1306
White, square, wood..	36	1843 moved 1891			1307
White, octagonal, wood	16	1843			1310
White, octagonal, wood	40	1843		To clear Provencher Shoal, leading through N. channel.	1311
White, octagonal, wood	18	1849		This range leads up through the dredged channel past Batture à Fer.	1321
Brown, square, open, steel frame, with white wooden slatwork on upstream face.	31	1849 reb't 1902			Back light visible from all points of approach by water.
White, square, wood ; lantern red.	30	1843		In line with E. light-ship S 70½° W. shows centre of dredged channel from middle Traverse up to white buoy bend.	1328
Hull red, with "No.3" in white, fore and aft, white, octagonal, wooden tower, with red lantern roof, amid-ships.	23			Removed at the approach of winter on account of ice.	1330

## PROVINCE OF

## RIVER ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1335	YAMACHICHE BEND GAS BUOY, No. 57 L.		46 12 38	72 49 7	Occ. white, visible 10 seconds, eclipsed 10 seconds.	D, gas		
1336	CENTRE LIGHTSHIP (No. 2).	Opposite and 2½ miles S.S.E. from Riviere du Loup, at bend of channel.	46 11 27	72 54 15	F. white.	D. 7.	22	9
1339	WEST LIGHTSHIP (No. 1).	N. side of channel, at bend where dredged channel leaves Isle aux Raisins Traverse.	46 9 37	72 56 45	F. white.	D. 7.	22	9
1342	LAKE ST. PETER. ST. FRANCIS RIVER.	Outer light, at lower end of low grassy islet lying off mouth of River.	46 7 45	72 56 0	F. white.	C.	12	4
1343		Inner light, at abrupt turn in channel, about ½ mile S. S. easterly from outer one.			F. red.	C.	12	4
1346		Front light on pier in marsh on N. edge of Island.	46 6 14	72 57 59	F. white.	C.	30	6
1347	ISLE AUX RAISINS.	Back light on W. edge of Island, 2,020 feet S. 25° W. from front.	46 6 0	72 57 56	F. white.	C.	86	7
1349	STONE ISLAND OR ISLE À LA PIERRE.	On E. side of Island.	46 5 54	72 59 40	F. white.	D, 7.	45	12
1351	ISLE DE GRACE.	On Island.	46 4 13	73 2 40	F. white.	C.	28	8
1354		On edge of Richelieu Company's Wharf on east side of mouth of Richelieu River.	46 2 50	73 7 18	F. red, gas.	C.	31	3
1355	SOREL	On corner of Wharf, 200 feet S. 3° W. from front light.			F. red, gas.	C.	39	3
	ST. OURS TRAVERSE.	Next light on St. Lawrence River. See No. 1383.						

QUEBEC—Continued.

LAWRENCE—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Black, steel, cylindrical buoy, surmounted by a lantern.		1903			1335
Hull red, with "No. 2" in white, fore and aft, white, octagonal, wooden tower, with red lantern roof, amidships.	23	1816		Removed at the approach of winter. To indicate a bend in the channel.	1336
Hull red, with "No. 1" in white letters fore and aft, white, octagonal, wooden tower, with red lantern roof, amidships.	23	1828		Removed at the approach of winter. Defines N. E. extremity of Isle aux Raisins Traverse. 20,550 feet N. N. E. $\frac{1}{4}$ E. from Isle aux Raisins front light.	1339
Lantern on a mast, standing in the water.	13	1883		On starboard side of channel, for convenience of vessels entering river. Removed in autumn, and replaced when water becomes low in summer. Movable, to suit shifting sand banks.	1342
Lantern on a mast, standing in the water.	13	1883			1343
White, octagonal, open frame, on square pier.	20	1843		Alignment leads through the Traverse dredged channel from deep water at upper end of lake to W. light-ship. Back light visible in the line of range; it may also be seen dimly from other parts of the channel.	1346
Brown, square, steel, skeleton tower, surmounted by white, wooden watch room, and white, octagonal wooden lantern.	85	1863 reb't 1903			1347
White, octagonal, wooden dwelling, surmounted by red lantern, on pier.		1867 re- built 1897			1349
White, octagonal, wood	25	1871			1351
Brown, open frame....	29	1863 re- built, 1881		Lead into Richelieu River, but show a channel only available for light draught vessels. The best channel, with least depth of 24 feet, is shown by the alignment of two diamond shaped day beacons, established 1889, on the W. side of the river, and bears S. 37° 15' W.	1354
Brown, open frame....	37	1863 re- built, 1881			1355

## PROVINCE OF

## RICHELIEU

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1370	NORTH OF HALF-WAY POINT.	On W. bank of river, about 5 miles above St. Johns.	45 14 3	73 13 45	F. white.....	C.....	15	8
1371		N. 17° E., 1,158 feet from front range tower.			F. white.....	C.....	38	11
1373	ST. VALENTINE. . .	On a pier, 125 feet outside W. shore of river, $\frac{1}{2}$ mile below Isle aux Noix.	45 10 40	73 14 10	F. white.....	C.....	8	2
1374		On shore, 345 feet N. W. $\frac{1}{4}$ N. from front light.			F. white.....	C.....	23	1
1376	LACOLLE.....	On crib on W. bank of river.	45 4 40	73 18 15	F. white.....	C.....	7	4
1377		S. E. of front light.....			F. white.....	C.....	18	6
1379	LACOLLE RAILWAY BRIDGE.	Pivot pier 1,040 feet N. 37° W. from Ash Island Light.	45 3 8	73 19 9	F. white and red.....			
1381	ASH ISLAND.....	On S. end.....	45 3 0	73 19 0	F. white.....	C.....	44	4
1382	BLOODY ISLAND.....	On pier, about $\frac{3}{4}$ mile above Ash Island.	45 2 15	73 19 20	F. white.....	C.....	12	4
	WINDMILL POINT...	U. S. Light.						

QUEBEC—Continued.

RIVER.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, irregular octagonal wooden tower, on small pier.	13	1873 mov'd 1902	.....	These lights in range up the river indicate the channel to St. Valentine.	1370
White, square, wood, on posts, partly hidden by woods.	34	1873 mov'd 1885	.....		1371
White, irregular octagonal, wooden lantern on small cribwork pier.	12	1873	.....	These lights range across the river S. E. $\frac{1}{2}$ S. and, in line, indicate the channel over the shoal at the foot of Isle aux Noix.	1373
White, square, wood	24	1873	.....		1374
White, octagonal, wood	10	1871	.....	These lights range down the river, and, in line indicate the channel to Sturgeon Point.	1376
White, octagonal, wood	22	1871	.....		1377
.....	.....	1898	.....	Shows white when draw is open, red when closed. Each of four guide piers shows white light. Maintained by C. A. Ry.	1379
White, square, wood, with dwelling attached.	42	1875	.....	These two lights form a range.	1381
White, octagonal, wood, on black pier.	10	1875 re- built 1884	.....		1382

## PROVINCE OF

## ST. LAWRENCE

No.	Name.	Location	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus	Height in feet of Light above high water mark.	Miles seen in clear weather.
	SOREL .....	See above, 1354.						
1383	ST. OURS TRAVERSE GAS BUOY No. 5 M.	At lower end of traverse.	45 56 43	73 12 36	Occ. white, visible 7 seconds, eclipsed 5 seconds.	D, gas	13	....
1384		Front light on beach on S. shore.	45 53 40	73 12 44	F. white .....	C .....	50	4
1385	ST. OURS TRAVERSE	Back light on top of river bank, 2,700 feet S. 15° 30' W. from front light.			F. white .....	C .....	87	4
1386		Front light on top of river bank.	45 54 38	73 12 24	F. white .....	C .....	62	5
1387	PETITE TRAVERSE	Back light, 1,830 feet N. 61° E. from front light.			F. white .....	C .....	117	5
1388		Front light on top of river bank.	45 55 23	73 12 29	F. white .....	C .....	63	5
1389	CONTRECEUR COURSE.	Back light, 2,555 feet N. 48° 15' E. from front light.			F. white .....	C .....	127	5
1390		Lantern on small pier on shore line, S.E. side of Island.	45 53 15	73 15 50	F. white .....	C .....	17	8
1391	LAVALTRIE .....	On small pier 960 feet S.W. $\frac{1}{4}$ S. from front light.			F. white .....	C .....	33	10
1392	BELLMOUTH CURVE GAS BUOY No. 20 M.	Middle of curve.....	45 54 27	73 12 56	F. white .....	D, gas	13	....

QUEBEC--Continued.

RIVER--Resumed.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Black, steel spar buoy, surmounted by a lantern.		1903			1383
White, square, wood, on white, concrete pier; lantern roof red.	33	1903			1384
Brown, square, steel, skeleton tower, with white, wooden slat-work on upper portion of side facing channel; enclosed upper part, white, wood, lantern roof red.	64	1903		Lights visible in the line of range. Lights in one, bearing S. 15° 30' W. mark the axis of ship channel from gas buoy No. 5 M to Bellmouth curve.	1385
White, square, wood, lantern roof red.	33	1903			1386
Brown, square, steel, skeleton tower, with white, wooden slat-work on upper portion of side facing channel; enclosed upper part, white, wood, lantern roof red.	64	1903		Lights visible in the line of range. Lights in one astern, bearing S. 61° W. lead through Petite Traverse, in the axis of the ship channel from Bellmouth curve to Contre-cœur bend.	1387
White, square, wood, lantern roof red.	33	1903			1388
Brown, square, steel, skeleton tower, with white, wooden slat-work on upper portion of side facing channel; enclosed upper part, white, wood, lantern roof red.	64	1903		Lights visible in the line of range. Lights in one astern, bearing S. 48° 15' W. lead through Contre-cœur, course in the axis of the ship channel from Contre-cœur bend to the bend at gas buoy No. 43 M.	1389
White, with red vertical stripe on sides facing up and down stream.	13	1831			1390
Red, square, open steel frame with red lantern, and white slat-work target with vertical red stripe.	32	1831 rebuilt 1896		Range lights leading through Flat Islands Channel. Buildings removed in winter, and lanterns on poles used in spring, while piers are submerged.	1391
Red, steel spar buoy, surmounted by a lantern.		1903			1392

## PROVINCE OF

## ST. LAWRENCE

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1393	CONTRECEUR BEND GAS BUOY No. 31 M.		45 53 20	73 14 14	Occ. white, visible 7 seconds, eclipsed 5 seconds.	D, gas	13	
1394	CONTRECEUR JUNCTION GAS BOUY No. 45 M.		45 51 36	73 16 12	Occ. white, visible 6 seconds, eclipsed 5 seconds.	D, gas	13	
1401	CONTRECEUR TRAVERSE.	2½ miles above Contre- ceur; 2,800 feet back from shore.	45 49 48	73 17 0	F. white.....	C.....	53	11
1402		4,500 feet S.W. by S. ½ S. from front light.			F. white.....	C.....	67	13
1406		Front tower on pier on flats off Contre- ceur Village.	45 51 54	73 15 23	F. white.....	C.....	31	6
1407	CONTRECEUR TO VERCHÈRES RANGE	Back tower on pier on islet in flats 9,250 feet N. 54° 30' E. from front.			F. white.....	C.....		6
1410	VERCHÈRES TRAVERSE RANGE.	Front on a cribwork pier on S. shore 8,570 feet N. 57° 50' E. from Verchères Church.	45 47 43	73 20 10	F. white.....	C.....	36	11
1411		Back, 1,900 ft. N. 70° E. from front.			F. white.....	C.....	43	12
1412	VERCHÈRES VIL- LAGE RANGE.	Front, on cribwork pier on S. shore, 380 feet S. 61° E. from outer end of Verchères Wharf.	45 46 52	73 21 28	F. white.....	C.....	44	12
1413		Back, on a hillside in upper part of village, amongst trees, 1,950 feet S. 54½° W. from front light.			F. white.....	C.....	85	15
1415		Front, on cribwork pier off E. extremity of Ile Marie.	45 47 17	73 21 32	F. white.....	C.....	39	8
1416	ILE BOUCHARD RANGE.	Back, on Ile Bouchard, near its S. E. shore, opposite lower end of Ile aux Prunes and 8,200 feet N. 51° 15' E. from front.			F. white.....	C.....	75	8

QUEBEC—Continued.

RIVER—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Black, steel spar buoy, surmounted by a lantern.		1903			1393
Black, steel spar buoy, surmounted by a lantern.		1903			1394
White, octagonal, wood	13	1857		To lead into Lavaltrie Channel and Isle Bouchard, and indicate the new channel. To be kept in line till Lavaltrie Lights are brought to bear.	1401
White, square, wood.	41	1857			
White, square, wood, with red roof, on white, concrete pier.	13	1903		Lights visible in the line of range. They should be kept in one ahead bearing N. 54° 30' E. by downward bound vessels, from the point where they leave alignment of Verchères traverse range until they come into alignment of Contrecoeur traverse range.	1406
Brown, steel, skeleton tower, with white, wooden slatwork on upper portion of side facing channel. White, concrete pier.	65	1903			1407
White, square, wood; lantern roof red; pier white.	23	1902		These lights indicate axis of ship channel in crossing from straight cut that extends between Contrecoeur and Ile aux Prunes to straight cut that extends between the point above Verchères and Cap St. Michel curve.	1410
White, circular, stone, formerly a windmill. Octagonal, wooden lantern white with red roof.	41	1902		Lights visible in, and over a small arc on each side of, the line of range.	1411
White, square, wood, lantern roof red; pier white.	31	1902		Lights visible in, and over a small arc on each side of, the line of range.	1412
Brown, square, steel skeleton tower; enclosed upper part white, wood; lantern roof red.	65	1902		These lights in one lead from the intersection of their alignment with that of the Contrecoeur range lights to intersection of their alignment with that of the Verchères traverse range lights.	1413
White, square, wood, lantern roof red, pier white.	28	1903		Lights visible in, and over a small arc on each side of, line of range.	1415
Brown, square, steel skeleton tower; enclosed upper part white, wood; lantern roof red.	65	1903		In one show axis of channel from Cap St. Michel to Verchères Point.	1416

## PROVINCE OF

## ST. LAWRENCE

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1417	VERCHÈRES COURSE GAS BUOY NO. 89 M.		45 46 30	73 22 27	Occ. white.....	D, gas	13	....
1418	ILE DESLAURIERS RANGE.	Front, on cribwork pier on E. shore of Ile Des- lauriers.	45 42 47	73 26 30	F. white.....	C.....	37	11
1419		Back, on E. shore of Ile Ste. Thérèse, near its N. end, 9,430 ft. S. 51° 15' W. from front, and 1,889 ft. N. 7° E. from front light of Ile Ste. Thérèse lower range.			F. white.....	C.....	73	14
1420	CAP ST. MICHEL GAS BUOY NO. 117 M.		45 43 15	73 26 0	Occ. white.....	D, gas	13	....
1421	ILE DESLAURIERS GAS BUOY NO. 124 M.		45 42 34	73 26 32	F. white.....	D, gas	13	....
1423	RÉPENTIGNY.....	1/2 mile below Répen- tigny village.			F. white.....	C.....	14	4
1424		519 feet N. 22° E. from front one.	45 45 2	73 26 17	F. white.....	C.....	30	4
1425	ISLE À LA BAGUE....	On a pier on the Islet..	45 44 14	73 26 15	F. white.....	C.....	24	4
1428	ISLE STE. THÉ- RESE, LOWER RANGE.	Front light, near shore on N.E. side of Is- land.	45 41 22	73 27 43	F. white.....	C.....	22	10
1429		Back range, 600 feet S. 50° W. from front.			F. white.....	C.....	48	12
1431	VARENNES CURVE GAS BUOY NO. 133 M.	Middle of curve.....	45 41 38	73 27 14	Occ. white.....	D, gas	13	....
1433	VARENNES.....	In Varennes village, 5,662 feet N. 46° E. from Ile à l'Aigle front range lighthouse.	45 41 11	73 26 40	F. white.....	C.....	80	4

QUEBEC—Continued.

RIVER—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Black, steel spar buoy, surmounted by a lantern.	.....	1903	.....	.....	1417
White, square, wood, lantern roof red, pier white.	19	1902	.....	Front light visible from all points of approach in the channel. Back light visible in, and over a small arc on each side of, the line of range. In one show axis of channel from Verchères Point to Cap St. Michel curve.	1418
Brown, square, steel skeleton tower; enclosed upper part white, wood; lantern roof red.	65	1902	.....		1419
Black, steel spar buoy, surmounted by a lantern.	.....	1903	.....		1420
Red, steel spar buoy, surmounted by a lantern.	.....	1903	.....	.....	1421
White, wooden.....	14	1843	.....	To lead through Isle à la Bague Channel, and to avoid Pouillier on N. and shoal on S.	1423
White, octagonal, wood	26	1843	.....		1424
White, octagonal, wood	18	1831	.....	To indicate the Islet, which is extremely low. Removed in winter on account of ice. Lantern on pole used in spring while pier submerged.	1425
White, wooden lantern with red roof; on open post foundation.	16	1855	.....	The lights in range S. 50° W. lead from near Cap St. Michel through centre of dredged channel. Visible over a small arc on each side of the alignment.	1428
White, with red roof, square, wood.	42	1855 reb't 1889	.....		1429
Black, steel spar buoy, surmounted by a lantern.	.....	1903	.....	.....	1431
Red, steel skeleton tower, with white, wooden slatwork on upper portion of side facing channel; enclosed upper part white, wood.	61	1903	.....	Visible in the line of range. This light in one with Ile à l'Aigle front range light, bearing N. 45° E., forms the Ile aux Vaches traverse range, and indicates axis of dredged channel from point where it leaves alignment of Ile Ste. Therese upper range to the bend below Ile aux Vaches light.	1433

## PROVINCE OF

## ST. LAWRENCE.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1434	ILE À L'AIGLE.....	Front light on W. shore of island near its N. end.	45 40 25	73 27 26	F. white.....	C.....	30	2
1435		Back light on E. shore of island, 1,543 feet S. 17° W. from front light.			F. white.....	C.....	52	2
1437	ISLE STE. THÉRÈSE, UPPER RANGE.	On cribwork block, below river bank, on S. shore of island.	45 40 37	73 27 40	F. white.....	C.....	57	6
1438		On Ile aux Vaches, about 5,000 feet S.W. $\frac{1}{2}$ S. from back light.			F. white.....	C.....	29	6
1439	BOUCHERVILLE.....	Front light on N. end of Ile St. Joseph.	35 38 43	73 27 19	F. white.....	D, p.	18	4
1440		Back light, 760 feet S. 23° 12' W. from front light.			F. white.....	D, p.	29	4
1441	POINTE AUX TREMBLES BEND GAS BUOY No. 149 M.		45 39 17	73 28 30	Occ. white.....	D, gas	13	.....
1442	POINTE AUX TREMBLES CURVE GAS BUOY No. 163 M.		45 36 50	73 30 3	Occ. white.....	D, gas	13	.....
1446	LONGUE POINTE TRAVERSE.	Front light on top of river bank, about $\frac{1}{2}$ miles below Longue Pointe Church.	45 36 44	73 30 38	F. white.....	D, 7..	30	4
1447		818 feet N. of front light.			F. white.....	D, 7..	55	4
1448	LONGUE POINTE GAS BUOY No. 174 M.	Off Longue Pointe.....	45 35 0	73 30 16	Occ. white, visible 10 seconds, eclipsed 10 seconds.	D, gas	.....	.....
1449	POUILIER À GAGNON GAS BUOY No. 177 M.		45 33 52	73 30 41	Occ. white.....	D, gas	13	.....

QUEBEC—Continued.

RIVER—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, pentagonal, wooden lantern, on white, rectangular, concrete pier with pointed nose and sloping sides.	30	1903	.....	Lights visible in the line of range. Lights in one indicate axis of ship channel in Varennes traverse, or from the upper end of Varennes curve to abreast of the lower extremity of Ile au Beurre.	1434
White, square, wood, on white, rectangular, concrete pier with pointed nose and sloping sides.	52	1903	.....		1435
Upper face red with white vertical stripe, remainder white, square, wood, on pier.	42	1879 mov'd 1884	.....	In range lead through dredged channel off Pointe aux Trembles.	1437
White, with red vertical stripe on upper face, hexagonal, wood, on pier.	23	1879 mov'd 1884	.....		1438
Lantern on a mast with black diamond-shaped target attached.	.....	1903	.....	Lights guide through S. channel leading from Varennes into Boucherville channel.	1439
Lantern on a mast with black diamond-shaped target attached.	.....	1903	.....		1440
Black, steel spar buoy, surmounted by a lantern.	.....	1903	.....	.....	1441
Black, steel spar buoy, surmounted by a lantern.	.....	1903	.....	.....	1442
Lantern on a pole.....	6	1903	.....	Lights visible from all points of approach by water. Lights in one, astern, bearing S. lead through Longue Pointe traverse, from upper end of curve at head of Pointe aux Trembles channel to the turn above Longue Pointe village.	1446
Lantern on a mast.....	29	1903	.....		1447
Red, steel, cylindrical buoy, surmounted by a lantern.	.....	1903	.....	.....	1448
Black, steel spar buoy, surmounted by a lantern.	.....	1903	.....	.....	1449

PROVINCE OF

ST. LAWRENCE.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water marks.	Miles seen in clear weather
1450	LONGUEUIL GAS BUOY No. 181 M.	Off Longueuil.....	45 33 12	73 31 8	Occ. white, visible 10 seconds, eclipsed 10 seconds.	D, gas	...	....
1451	ILE RONDE GAS BUOY No. 195 M.	.....	45 31 53	73 32 20	Occ. white.....	D, gas	13	....
1452	BELLERIVE PARK.	Front light on the wharf.	45 31 48	73 32 41	F. red, electric....	Arc light	55	2.
1453		Back light, 580 feet S. 50° W. from front light.	.....	.....	F. red, electric....	Arc light	75	2.
1454	HOCHELAGA...	Front light on wharf at Hochelaga.	45 32 30	73 32 15	F. red, electric....	Arc light	38	3.
1455		Back light, 1,010 feet N. 25° 45' E. from front light.	.....	.....	F. red, electric....	Arc light	51	3

MONTREAL HARBOUR.

QUEBEC—Continued.

RIVER—Concluded to Montreal.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Black, steel, cylindrical buoy, surmounted by a lantern.		1903			1450
Black, steel spar buoy, surmounted by a lantern.		1903			1451
Lamp on pole.....		1903		Lights visible in the line of range. Lights in one mark the middle of the ship channel from turn at Longueuil gas buoy No. 181 M to the turn below Isle Ronde gas buoy No. 195 M.	1452
Lamp on pole.....		1903			1453
Lamp attached to day beacon.		1903		Lights visible in the line of range. Lights in one mark the middle of the ship channel from the turn at Isle Ronde gas buoy No. 195 M up into the harbour of Montreal.	1454
Lamp attached to day beacon.		1903			1455

## PROVINCE OF

## LAKE MEM

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1461	WITCH SHOAL.....	About $\frac{1}{2}$ mile S.W. from Magog Railway Wharf.			F. white.....	D, 7..	22	9
1464	BLACK POINT.....	On W. side of Lake, 3 miles S.W. from Witch Shoal.			F. white.....	C.....	19	8
1465	WADLEIGH POINT...	On W. side of Lake, 4 miles S.W. $\frac{1}{2}$ S. from Black Point.			F. white.....	C.....	26	8
1466	GEORGEVILLE.....	At Wharf, E. side of Lake, 3 miles S.E. by S. from Wadleigh Point.			F. white.....	C.....	20	8
1468	MOLSON ISLAND.....	S.W. point of Island, E. side of Lake, about 7 miles southwardly from Wadleigh Point.			F. white.....	C.....	28	8
1470	LEAD MINES.....	West side of Lake, 4 miles S. by W. from Molson Island.			F. white.....	C.....	18	8
	MAXFIELD POINT....	U.S. Light.						
	WHIPPLE POINT.....	U.S. Light.						
	NEWPORT WHARF...	U.S. Light.						

QUEBEC—Continued.

PHREMAGOG.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, on pier rising out of the water.	23	1878 reb't 1900		Visible from all points of approach, except from the westward.	1461
White, square, wood, with red roof.	22	1878			1464
White, square, wood..	22	1878			1465
Lantern on a mast....	22	..			1466
White, square, wood..	22	1878			1468
White, square, wood..	22	1878			147

## PORTIONS OF QUEBEC UNDER THE

## RIVER ST. LAWRENCE.

No.	Name.	Location.	Latitud N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1501	LACHINE .....	On end of pier at entrance to canal.	45 26 12	73 40 20	F. white.....	C...	23	6
1502		On crib between old and new canals.	.....	.....	F. red.....	D. p..	.....	.....
1504	LACHINE RANGE.	Front light on cribwork block on W. end of railway wharf.	45 26 15	73 40 56	Occ. white..... Bright... 8 secs. Dim..... 2 secs.	C. Gas	30	10
1505		Back light on cribwork block, 904 feet N. 80° 47' E. from front.	.....	.....	Occ. white..... Bright... 8 secs. Dim..... 2 secs.	C. Gas	44	12
1506	LIGHTSHIP No. 1	$\frac{1}{2}$ mile above Lachine.	45 25 58	73 41 15	F. red.....	D, 7..	18	6
1507	GAS BUOY No. 38 S.	Turning point, upper entrance, Lachine Canal.	.....	.....	Occ. white.....	D, Gas	9	4
1508	LIGHTSHIP No. 2	$2\frac{1}{2}$ miles above Lachine.	45 25 25	73 44 7	F. white .....	D, 7..	20	6
1510	GAS BUOY No. 76 S.	Between Lightship No. 2 and Lightship No. 3.	.....	.....	Occ. white.....	D, Gas	9	4
1512	CHATEAUGUAY LIGHTSHIP.	Lightship No. 3, $3\frac{1}{2}$ miles above Lachine.	45 24 52	73 45 0	F. white.....	D, 7..	26	6
1513	WINDMILL POINT GAS BUOY No. 98 S.	Off the point.....	45 22 19	73 49 30	Occ. white.....	D, Gas	9	4
1515	BEAUHARNOIS.	S. side of lower entrance to canal.	45 19 30	73 54 41	F. white.....	C.....	40	10
1516		1,242 feet S. 65° 5' W. from front light.	.....	.....	F. white.....	C.....	50	10
1518	GAS BUOY No. 100 S.	12,650 feet N. 65° 5' E. from Beauharnois front range light.	45 20 46	73 52 26	Occ. white.....	D, Gas	9	4

LAKE ST. LOUIS.

CONTROL OF THE ONTARIO DIVISION.

ABOVE MONTREAL.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, with small dwelling attached.	17	1849			1501
Lantern on a mast		1889			1502
White, circular, steel ; white, circular, steel lantern, with red roof.	29	1889 Tower 1900		Front light visible in, and over a small arc on each side of, the line of range, and also in the channel in passing ; back light visible in, and over a small arc on each side of, the line of range. The lights in one lead through the axis of the dredged cut to the turning point, 1½ miles distant.	1504
White, circular, steel ; white, circular, steel lantern, with red roof.	48	1900			1505
Red hull, with 'Lachine' in white. White, circular iron tower, lantern roof black.		1849	Hand horn answers signals from vessels.		1506
Red, steel, cylindrical buoy, surmounted by slatwork cage supporting a lantern.					1507
Red hull, with "Lake St. Louis No. 2" in white. White circular iron tower, lantern roof red.		1850	Hand horn answers signals from vessels.		1508
Red, steel, cylindrical buoy, surmounted by slatwork cage supporting a lantern.					1510
Red hull, with "Chateauguay" in white. White circular iron tower, lantern roof red.		1849	Hand horn answers signals from vessels.		1512
Red, steel, cylindrical buoy, surmounted by slatwork cage supporting a lantern.					1513
White, square, wood	27	1850		In one lead from Chateauguay Lightship to the lower entrance to Beauharnois Canal.	1515
White, square, wood	27	1850			1516
Red, steel, cylindrical buoy, surmounted by a conical slatwork topmark and a lantern.					1518

PORTIONS OF QUEBEC UNDER THE  
RIVER ST. LAWRENCE

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1519	GAS BUOY No. 102 S.	8,270 feet S. 76° E. from Gas Buoy No. 104 S.	45 20 48	73 54 13	Occ. white.....	D, Gas	9	4
1520	GAS BUOY No. 104 S.	2,900 feet N. 78° 12' E. from the front light of the Soulanges Canal, lower entrance range.	45 20 46	73 55 27	Occ. white.....	D, Gas	9	4
1522	LAKE ST. LOUIS. SOULANGES CANAL, LOWER ENTRANCE, OR CASCADES POINT RANGE.	Front light on E. end of N. pier head.	45 20 38	73 56 14	F. red.....	C. Gas	37	2
1523		Back light 1,826 feet S. 78° 12' W. from front light.	.....	.....	F. red.....	C. Gas	59	2
	KNIGHT POINT.....	See No. 1,601 below.						

CONTROL OF THE ONTARIO DIVISION.—*Continued.*

ABOVE MONTREAL—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Red, steel, cylindrical buoy, surmounted by a conical slatwork topmark and a lantern.					1519
Red, steel, cylindrical buoy, surmounted by a conical slatwork topmark and a lantern.					1520
White, circular, iron; white, circular, metal lantern with red roof.	29			Lights visible in the line of range. Lights in one lead into canal from most westerly of the 3 gas buoys indicating N. side of channel between point where channel leaves alignment of Beaubarnois range lights and the axis of canal.	1522
White, circular, iron; white, circular, metal lantern with red roof.	45				1523

ONTARIO

RIVER

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of light above high water mark.	Miles seen in clear weather.
	LIGHTSHIP NO. 1.....	See No. 1506 above.						
1529	DORVAL .....	On a pier N. of channel, between Point Claire Light and Lightship No. 1.	45 26 16	73 45 32	F. white .....	D, 7..	37	11
1530	POINT CLAIRE.....	On a pier N. of channel, about 1 mile S. E. of village.	45 25 55	73 46 42	F. white.....	D, 7..	35	11
1533	CARON POINT. ...	Two miles below Ste. Anne Lock, N. side of river.	45 24 34	73 54 38	F. white .....	C .....	28	10
1536	ISLE PERROT.....	On small pier on shore line, S. side of channel below Ste. Anne.	45 23 59	73 55 0	F. white with a red and a green sector	D. p..	16	9
1537		On pier at S. E. end of dredged channel crib.	45 24 3	73 55 56	F. white.....	C .....	24	10
1538	STE. ANNE DE BELLEVUE.	On N. W. end of channel cribwork, about $\frac{1}{2}$ mile below the lock.	45 24 22	73 56 8	F. white .....	C .....	24	10
1543	POINT À CADIEUX...	Lake of Two Mountains	45 25 35	74 0 44	F. white.....	C .....	30	8
1543	OKA WHARF.....	On outer end of wharf, village of Oka.	45 27 34	74 5 38	F. white .....	D, 7..	28	5
1544	OKA .....	On Pointe du Lac, or Sandy Point, $1\frac{1}{2}$ miles above village of Oka.	45 28 0	74 6 40	F. white.....	D, 7.. acetylene.	30	8
1546	POINT AUX ANGLAIS.	On pier, about 400 yards off the point.	45 29 0	74 8 16	F. white.....	D, 7..	26	10
1547		N. side of river, near wharf.	45 31 0	74 9 25	F. white .....	D, 7..	15	6
1548	STE. PLACIDE.....	930 feet N. E. by E. $\frac{1}{4}$ E. from front light.			F. white .....	C .....	62	6
1549		340 ft. N. 11° W. of front tower.			F. white .....	C .....	48	3
1553	L'ORIGNAL.....	On point 120 feet back from water's edge.	45 38 30	74 40 40	F. white .....	D, p. acetylene.	57	13
1554	MCTAVISH POINT...	On pier, on extremity of point.	45 39 15	74 48 0	F. white.....	D, 7..	30	10
1557		Front range, on N. shore of Bay, $1\frac{1}{4}$ miles E. of Papineauville wharf.	45 38 30	74 59 0	F. white .....	C .....	20	2
1558	PAPINEAUVILLE. ...	Back range, 282 feet northerly from front light.			F. white.....	C .....	30	2
1560	WAY SHOAL.....	On low shore, N. side of river.	45 32 0	75 28 45	F. white.....	C .....	30	8

DIVISION—Continued.

OTTAWA.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, with dwelling attached. Iron lantern, red.	31	1874 re-built 1887			1529
White, square wooden dwelling on pier, surmounted by red lantern.	33	1860 reb't 1897			1530
White, square, wood..	29	1874 reb't 1878			1533
White enclosed tower with red roof, on open framework base.	18	1878 reb't 1895		Red sector shows down river, green up, and white shows line of crossing. The latter is narrow and turns should be made promptly.	1536
White, square, wood..	24	1878			1537
White, square, wood..	24	1878		These lights guide through the dredged channel below Ste. Anne Lock.	1538
White, square, wood, with dwelling attached.	32	1875			1543
Lantern on a pole attached to S. E. corner of drab, wooden freight shed.	20	1903		Visible from all points of approach by water.	1543
White, square, wood, on cribwork pier.	28	1898			1544
White, square, wood, with lantern roof red.	27	1873			1546
White, square, wood..	20	1874		The first light is common to both ranges. In line with the high tower it marks the axis of the up stream dredged channel and in line with the last light, that of the down stream one.	1547
White, square, wood..	38	1874			1548
White, square, wood..	23	1898			1549
White, square, wood..	43	1871 re-built 1897			1553
Mast, with day beacon affixed, and shed at base, all white.	29	1871 ch'ged 1886			1554
Lantern on a mast....	15	1897		Lights in one mark the dredged channel.	1557
Lantern on a mast....	15	1897			1558
Sides alternately red and white, hexagonal, wood.	25	1870			1560

## ONTARIO

## RIVER

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1562	GREEN SHOAL . . . .	On pier, S. side of channel, opposite East Templeton, 7 miles below Ottawa City.	45 29	0 75 35	0 F. white . . . . .	D, 7.	38	8
1567	Britannia . . . . .	S side of lake at its lower end.	45 21	20 75 48	0 F. white . . . . .	C . . . . .	17	8
1568	AYLMER ISLAND.	1½ miles W. of Aylmer village wharf.	45 25	0 75 53	0 F. white . . . . .	D, p.	52	10
1570	BASKINS WHARF.	At inner end of wharf, south shore, about 12 miles above Aylmer.	45 27	40 76	0 30 F. white . . . . .	D, p. acetylene.	30	6
1571								
1573	BUCKOM POINT.	On crib off Point, south shore, about 16 miles above Aylmer.	45 30	20 76	6 50 F. white . . . . .	D, p.	31	10
1575	MORRIS OR VICTORIA ISLAND.	At the head of the Chats Rapids.	45 28	15 76	13 35 F. white . . . . .	C . . . . .	29	10
1576	ARNPRIOR ISLAND.	On an islet opposite the Town of Arnprior.	45 27	10 76	17 35 F. red . . . . .	D, 7.	40	8
1577	CAMPBELL ISLAND.	12 miles above Victoria Island, and 3½ above Sand Point.	45 30	0 76	25 45 F. white . . . . .	C . . . . .	29	8
1579	COULONGE LAKE . . . .	On point on N. side, ¼ mile above old Fort Coulonge	45 52	10 76	47 0 F. white . . . . .	D, p.	30	10
1581	LOWER ALLUMETTE LAKE.	On head of Spence Island, opposite Lot 18, E. Range of Allumette Island.	45 48	15 76	54 0 F. white . . . . .	D, p.	24	9
1583	MORRISON OR HAWLEY ISLAND.	About 3 miles below Pembroke.	45 48	0 77	3 25 F. white . . . . .	D, p.	32	10
1585	LOWER NARROWS . . . .	On pier, N. side of channel.	45 50	0 77	10 0 F. white . . . . .	D, p.	28	10
1587	FORT WILLIAM . . . .	On outer end of wharf.	45 54	45 77	15 45 F. white . . . . .	D, p.	28	10
1588	DEEP RIVER ISLET . . .	At mouth of Deep River	45 59	0 77	16 30 F. white . . . . .	C . . . . .		8
1590	MCQUESTION POINT	On S. shore of Deep River, about 22 miles above Pembroke.	46 1	45 77	22 30 F. white . . . . .	D, p.	26	9
1593	SCHOONER ISLAND . . .	In Lake Timiskaming, 5 miles above Long Sault and 2½ miles below Opemican Narrows.	46 44	0 79	6 25 F. white . . . . .	D, p.	30	....
1594	SOUCIER ISLAND . . . .	About 2 miles above Opemican Narrows.	46 46	55 79	10 50 F. white . . . . .	D, p.	30	....

DIVISION—Continued.

OTTAWA—Concluded.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, on a brown circular pier, lantern red.	21	1860 rebuilt 1900	.....	Visible from all points of approach.	1562
White, square, wood..	13	1872	.....		1567
White, square, wood..	34	1883 reb'lt 1898	.....		1568
White, square, wood..	26	1883 Tower 1903	.....	Front light visible in line of range and across the lake at right angles to the line of range.	1570
White, square, wood..	31	1883 Tower 1903	.....	Back light visible in the line of range	1571
White, square, wood..	25	1883 moved 1889	.....	These two lights, in range, lead through the deepest channel over Constance Shoal. To indicate the low point, and the shoals off it.	1573
White, square, wood, with red lantern.	29	1873	.....		1575
Mast, with white shed at base, on square pier.	30	1885	.....		1576
White, square, wood..	29	1873	.....	Visible up and down the lake.....	1577
Mast, with white shed at base.	20	1885	.....		1579
Mast, with white shed at base.	20	1885	.....		1581
Lantern on mast, with brown shed at base.	22	1883	.....	To show the entrance to the Allumette Rapids boom.	1583
Lantern on mast, with white shed at base.	25	1887	.....		1585
Lantern on mast .....	25	1887	.....		1587
White, square, wood, red hexagonal lantern.	29	1873	.....	Visible up and down stream.....	1588
Lantern on mast, with brown shed at base.	22	1883	.....		1590
Lantern on mast, with white shed at base on cribwork pier.	19	1890	.....		1593
Lantern on mast, with white shed at base on cribwork pier.	19	1890	.....	Visible as far as configuration of lake allows. To be left on star-board hand in going up.	1594

## ONTARIO

## RIVER ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
	BEAUHARNOIS.....	See No. 1515 above.						
1601	KNIGHT POINT	1st range light, S. side of channel, about 1½ miles from guard lock at upper entrance to Beauharnois Canal.	45 15 18	74 8 17	F. white .....	C .....	13	3
1602		2nd range light, on mainland, 93 yards S. W. of 1st range.			F. white .....	C .....	19	3
1603		3rd range light, S. side of channel. 396 yards N. W. of 2nd light.			F. white .....	C .....	12	3
1604	GROSSE POINT OR VALLEYFIELD.	Main light, N. side of channel, on a pier 304 yards W. of 3rd light.	45 15 18	74 8 51	F. white .....	C .....	38	11
1607	SOULANGES CANAL, UPPER ENTRANCE RANGE.	Front light on S. end of W. pier.	45 15 52	74 10 53	F. red .....	C, Gas	31	5
1608		Back light 1,585 feet N. 50° E. from front light.			F. red .....	C, Gas	46	5
1609	GAS BUOY No. 30 F.	In 19 feet, 2,680 feet S. 50° W. from Soulanges Canal upper entrance front range light.			Occ. white .....	D, Gas	9	4
					Visible 10 secs. Eclipsed 5 secs.			
1611	COTEAU LANDING	On Government Pier. . .	45 15 38	74 11 30	F. white, with a red sector facing east to channel.	C . . .	29	10
1612	GAS BUOY No. 36 F.	In 29 feet, 8,000 feet S. 50° W. from Soulanges Canal upper entrance front range light.			Occ. white .....	D, Gas	9	4
					Visible 10 secs. Eclipsed 5 secs.			
1613	HAY POINT GAS BUOY No. 40 F.	Off the point . . . . .	45 13 31	74 15 16	Occ. white .....	D, Gas	9	4
1614	GAS BUOY No. 43 F.	Western end middle ground.	45 12 26	74 17 22	F. white .....	D, Gas	9	4
1615	GAS BUOY No. 48 F.	Point Mouillé flats . . .	45 10 34	74 19 51	Occ. white .....	D, Gas	9	4
1617	McKIE POINT.	On N. shore. . . . .	45 11 38	74 19 38	F. white .....	C .....	36	10

LAKE ST. FRANCIS.

DIVISION—Continued.

LAWRENCE—Resumed.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog Signal.	Remarks.	No.
White, square, wood, on pier.	12	1848	.....	When these two lights are brought in one, after leaving the canal, they are to be steered for until the two on the north side of the channel are brought into one.	1601
Red, square, wood, on a pier.	18	1850	.....		1602
White, square, wood, on pier.	12	1850	.....	These two lights passed close to and kept in line lead into deep water in Lake St. Francis.	1603
White, square, wood.	30	1848 re-built 1882	.....		1604
White, circular, iron; white, circular, metal lantern with red roof.	35	.....	.....		1607
White, circular, iron; white, circular, metal lantern with red roof.	.....	.....	.....	Lights visible in the line of range. Alignment indicates W. edge of dredged approach to canal and leads to gas buoy at S.W. extremity of dredging.	1608
Red, steel, cylindrical buoy, surmounted by a conical slatwork topmark and lantern.	.....	.....	.....	From the buoy Coteau Landing light bears N. 56° 6' W. 1,330 feet.	1609
White, square, wood. Base and lantern painted red.	28	1848 tower erect'd 1877	.....	Visible from E.N.E. ½ E. through N. to W. ½ N.	1611
Red, steel, cylindrical buoy, surmounted by a conical slatwork topmark and lantern.	.....	.....	.....	From the buoy Coteau Landing light bears N. 35° 39' E. 5,120 feet.	1612
Red, steel, cylindrical buoy, surmounted by slatwork cage supporting a lantern.	.....	.....	.....	.....	1613
Black, steel, cylindrical buoy, surmounted by slatwork cage supporting a lantern.	.....	.....	.....	.....	1614
Red, steel, cylindrical buoy, surmounted by slatwork cage supporting a lantern.	.....	.....	.....	.....	1615
White, square, wood.	30	1847 re-built 1877	.....	Midway between Coteau Landing and Cherry Island.	1617

## PROVINCE OF

## RIVER ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1620	ST. ANICET.....	On bar on S. side of channel, 5,700 feet N. $\frac{1}{2}$ E. from church.	45 9 13	74 22 4	F. white.....	C.....	31	10
1622	CHERRY ISLAND.	S. side of channel.....	45 7 53	74 24 4	F. white.....	D, p..	40	11
1623	ISLAND BANK GAS BUOY NO. 68 F.	S. edge of bank.....	45 7 33	74 25 51	Occ. white.....	D,Gas	9	4
1624	LANCASTER BAR.	On a pier in the lake, S. side of channel, 3 miles below Lancaster village.	45 7 17	74 27 2	F. white.....	C.....	29	8
1625	LANCASTER BAR GAS BUOY NO. 76 F.	S. edge of bar.....	45 6 32	74 28 38	Occ. white.....	D,Gas	9	4
1627	LANCASTER.....	On a pier N. side of channel, $1\frac{1}{2}$ miles S. W. from Lancaster village.	45 5 55	74 29 29	F. white.....	D, 7..	33	10
1628	SQUAW ISLAND GAS BUOY NO. 78 F.	S. of island.....	45 4 58	74 30 10	Occ. white.....	D,Gas	9	
1629	ST. FRANCIS MIDDLE GROUND.	On pier on N.W. end of middle ground between St. Francis and Thompson islands.	45 4 10	74 31 25	F. red.....	D, p..	24	4
1631	HAMILTON ISLAND.	Most south-easterly point.	45 3 47	74 32 4	F. white.....	C.....	42	10
1632	CLARK ISLAND GAS BUOY NO. 84 F.	South-east of island....	45 2 42	74 34 14	Occ. white.....	D,Gas	9	4
1683	GLENGARRY OR STONEHOUSE POINT	North shore of river...	45 2 10	74 36 57	F. white.....	C.....	42	10
1685	COLQUHOUN ISLAND GAS BUOY NO. 88 F.	South-east of island....	45 1 23	74 38 59	Occ. white.....	D,Gas	9	4
1686		Front light on cribwork pier on W. end of dyke.	45 1 3	74 39 44	F. white.....	D,Gas	16	8
1687	ST. REGIS DYKE...	Back light on cribwork pier on E. end of dyke, 500 feet S. $67^{\circ}$ E. from front light.			F. white.....	D,Gas	26	.....

ONTARIO.

LAWRENCE—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, red iron lantern, brown steel pier.	31	1891			1620
White, hexagonal, wood, with lantern roof red.	41	1847 re-built 1883		There is 17 ft. water in the channel 100 ft. N. of light.	1622
Red, steel, cylindrical buoy, surmounted by slatwork cage supporting a lantern.					1623
White, square, wood..	30	1879	Hand horn answers signals from vessels.		1624
Red, steel, cylindrical buoy, surmounted by slatwork cage supporting a lantern.					1625
White, hexagonal, wood, lantern red.	30	1844 re-built 1886	Hand horn answers signals from vessels.		1627
Red, steel, cylindrical buoy, surmounted by slatwork cage supporting a lantern.					1628
Lantern hoisted inside black, tubular iron column capped by a pressed glass lens; white, iron shed at base.		1901		Visible from all points of approach.	1629
White, square, wood..	36	1873			1631
Red, steel, cylindrical buoy, surmounted by slatwork cage supporting a lantern.					1632
White, square, wood, with dwelling attached.	36	1873			1683
Red, steel, cylindrical buoy, surmounted by slatwork cage supporting a lantern.					1685
Gas Buoy on pier .....		1902			1686
Gas Buoy on pier .....				The lights in one lead up river to turn abreast of Cornwall Island point.	1687

## PROVINCE OF

## RIVER ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1688	CORNWALL ISLAND GAS BUOY No. 99 F.	North of Cornwall Island point.	45 1 37	74 41.27	F. white.....	D, Gas	9	
1692	DICKINSON LAND-ING.	S. side of west entrance to Cornwall Canal.	44 59 32	74 54 33	F. white .....	D, p..	21	3
1694	DELANEY SHOAL GAS BUOY No. 6 U.	South of Dawson Point	44 59 22	74 55 24	Occ. white .....	D, Gas	...	...
1695	ARCHIBALD SHOAL GAS BUOY No. 8 U.	South-west of Dawson Point.	44 59 12	74 55 48	Occ. white.....	D, Gas	.....	.....
1698	GAS BUOY No. 40 U.	Upper entrance, Farran Point Canal.	44 57 39	75 0 27	Occ. white.....	D, Gas	9	4
1699	PRUNNER SHOAL GAS BUOY No. 54 U.	South-west of Cook's Point.	44 55 44	75 5 8	Occ. white.....	D, Gas	9	4
1701	DIXON ISLAND GAS BUOY No. 127 U.	North of island .....	44 46 46	75 23 30	F. white.....	D, Gas	.....	.....
1703	GAS BUOY No. 136 U.	Upper entrance, Iroquois Canal.	.....	.....	Occ. white.....	D, Gas	.....	.....
1705	HEAD OF GALOPS CANAL.	On W. end of pier on S. side of upper entrance to canal.	44 46 38	75 25 7	F. red.....	D, p..	24	4
1706	NORTH CHANNEL DYKE.	On angle of dyke on N.W. side of lower entrance to N. channel.	44 46 10	75 25 46	F. red .....	D, p..	22	.....
1708	GAS BUOY No. 154 U.	Upper entrance North channel.	44 44 23	75 27 11	Occ. white,.....	D, Gas	9	4
1710	WINDMILL POINT....	About 1½ miles below Prescott.	44 43 15	75 29 18	F. white.....	C.....	92	15

ONTARIO—Continued

LAWRENCE—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Black, steel, cylindrical buoy, surmounted by slatwork cage supporting a lantern.					1688
White, square, wood.	22	1865 re-built 1891		Leads into the canal from the river, and also shows down the canal.	1692
Red, steel, cylindrical buoy, surmounted by slatwork cage supporting a lantern.					1694
Red, steel, cylindrical buoy, surmounted by slatwork cage supporting a lantern.					1695
Red, steel, cylindrical buoy, surmounted by slatwork cage supporting a lantern.					1698
Red, steel, cylindrical buoy, surmounted by slatwork cage supporting a lantern.					1699
Black, steel, cylindrical buoy, surmounted by slatwork cage supporting a lantern.					1701
Red, steel, cylindrical buoy, surmounted by slatwork cage supporting a lantern.					1703
Lantern hoisted inside white, tubular, iron column, capped by a pressed glass lens; white, iron shed at base.	20	1902		Visible from all points of approach.	1705
Lantern hoisted inside, white, tubular iron column, capped by a pressed glass lens; white, iron shed at base.	20	1902			1706
Red, steel, cylindrical buoy, surmounted by slatwork cage supporting a lantern.					1708
White, circular, stone.	62	1873			1710

## PROVINCE OF

## RIVER ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1713	HILLCREST GAS BUOY	In 18 feet water, south-east edge of rock, 250 ft. from N. shore, in Narrows W. of Brock Group.	44 33	4 75 43 51	Occ. white. . . . .	D, gas	9	4
1717	COLE SHOAL.....	On pier, 5 miles W. of Brockville, $\frac{3}{4}$ mile from N. shore.	44 32	0 75 45 21	F. white. ....	C. ....	33	6
1721	GRENADIER ISLAND.	S. W. point of Island, N. side of channel, 2 miles below Rockport	44 23	0 75 54 25	F. white. ....	C. ....	55	10
1723	LINDOE ISLAND.....	N. W. point of Island, S. side of channel, 5 miles W. of Rockport	44 21	2 76 0 20	F. white. ....	D. .... acetylene.	40	7
1728	GANANOQUE N A R - BOWS.	N. E. end of Little Slave Island, S. side of channel, 5 miles below Gananoque.	44 19 32	76 4 58	F. white. ....	C. .... acetylene.	44	7
1729	JACKSTRAW SHOAL..	N. side of channel, 2 miles below Gananoque.	44 19 28	76 7 15	F. white. ....	C. .... acetylene.	34	10
1730	SPECTACLE SHOAL...	N. side of channel, $\frac{1}{4}$ mile W. of Gananoque.	44 18 40	76 11 9	F. white. ....	C. .... acetylene.	28	10
1731	RED HORSE ROCK...	S. E. side of channel, 1 mile above Spectacle Shoal.	44 18 8	76 11 32	F. white. ....	C. .... acetylene.	28	9
1732	BURNT ISLAND.....	S. E. part of Island, N. side of channel, $\frac{1}{4}$ mile above Red Horse Rock.	44 17 45	76 11 35	F. white. ....	C. .... acetylene.	64	10
1737	WOLFE ISLAND CUT GAS BUOY.	Particulars not yet received.	.....	.....	.....	.....	.....	.....
1738	WOLFE ISLAND.....	On Quebec or E. point.	44 14 17	76 11 10	F. white. ....	C. ....	46	6
1739	BROWNS OR KNAPP POINT.	Wolfe Island. ....	44 13 57	76 24 3	F. white. ....	C. ....	28	10

ONTARIO—Continued.

LAWRENCE—Concluded.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Red, steel, cylindrical buoy surmounted by a conical slatwork and a lantern.		1898 cha'gd 1903		The best channel is southeast of buoy.	1713
White, square, wood..	31	1856			1717
White square, wood..	37	1856			1721
White, square, wood..	26	1856			1723
White, square, wood..	37	1856	Hand horn answers signals from vessels.		1728
White, square, wood, on a pier in river.	29	1856		A small pier, surmounted by a red drum on a mast, 700 feet S.E. $\frac{1}{2}$ E. from the light, marks the S. edge of the channel.	172
White, square, wood, on a pier in river.	26	1856			1730
White, square, wood, on a pier at head of Buck Island.	26	1856			1731
White, square, wood..	26	1856			1732
		1903			1737
White, square, wood..	39	1861			1738
White, square, wood..	20	1874	Hand horn answers signals from vessels.		1739

## PROVINCE OF

## LAKE

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1742	BARRIEFIELD COMMON.	370 ft. E. from end of bridge to Kingston.	44 14	4 76 28 24	F. white.....	C ...	48	12
1743		1500 ft. N.E. Nly from front light.			F. white.....	C ...	75	12
1744	KINGSTON .....	City Hall Clock.....	44 13 50	76 28 53	F. white.....	Gas ..	107	9
1747	SNAKE ISLAND.....	On pier on bar N. side of channel, 5 miles W. of Kingston.	44 11	9 76 32 11	F. red.....	D, 7..	38	6
1748	MIDDLE GROUND GAS BUOY.	Particulars not yet received.						
1749	NINE MILE OR GAGE POINT.	S.W. Point, Simcoe Island, 9 miles W. of Kingston.	44 9 12	76 33 30	F. white.....	C ...	45	12
1751	PIGEON ISLAND.. ...	4 miles from head of Wolfe Island,	44 3 50	76 33 10	Rev. white, 1 min. and 10 sec.	C .....	67	12
1754	OUTER DRAKE OR FALSE DUCKS.	E. point of Island. ....	43 56 55	76 48 2	F. white.....	D, 3..	68	13
1755	SOUTH BAY POINT...	On Point Traverse ....	43 56 10	76 51 50	F. red.. .....	C .....	36	10
	( SNAKE ISLAND.	See above No. 1747.						
1758	CENTRE BROTHER ISLAND	On northernmost point.	44 12 26	76 37 49	F. white.....	D, 7..	31	10
1760	POINT PLEASANT OR INDIAN POINT.	Entrance to Bay of Quinte.	44 6 38	76 50 37	F. white.....	D, 7..	52	12
1763	DESERONTO ...	On the railway wharf..	44 11 27	77 2 55	F. white... ..	D, 7..	44	11
1764	TELEGRAPH ISLAND.	On cribwork pier on N.W. part of island, Bay of Quinte.	44 9 46	77 7 18	F. white.....	D, 7..	46	12
1766	BELLEVILLE .	On S.E. edge of shoal at entrance of harbour, 450 feet W. from end of Railway Wharf.	44 9 9	77 22 43	F. red.....	D, 7..	38	8

BAY OF QUINTE AND MURRAY CANAL CHANNEL.

ONTARIO—Continued.

ONTARIO.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Red, iron tripod, with white oval beacon at its top and brown shed at base.	50	1892	.....	Headlight lanterns hoisted on the tripods show over a small arc on each side of alignment, which leads inside of Carruthers and Point Frederick Shoals.	1742
Red, iron tripod, with white oval beacon at its top and brown shed at base.	80	1892	.....		1743
Wooden tower on stone building.	96	1844	.....		1744
White, octagonal, wood, on pier, red iron lantern. Boathouse at base.	39	1858 mov'd 1900	.....	Visible from all points of approach by water.	1747
		1903	.....		1748
White, circular, stone. Fog-alarm building white, with brown roof.	40	1833 Fog-horn 1894	Steam fog horn, gives blasts of 8 seconds, with intervals of 22 seconds.		1749
White, square, wood, rising from roof of dwelling; roof of iron lantern red.	41	1871	Hand horn answers signals from vessels.		1751
White, circular, stone, iron lantern red.	62	1828	Hand horn answers signals from vessels.		1754
White square, wood, with dwelling attached.	36	1881	.....		1755
White, square, wood, kitchen attached, iron lantern, red.	31	1890	.....		1758
White, octagonal, wood with iron lantern, red.	52	1866	.....		1760
Square tower on roof of freight shed.	46	1885	.....	Lit by gas. Guides to Deseronto from Belleville, Picton and Nananee.	1763
White, square tower on dwelling.	41	1870	.....		1764
White, square, wood, on octagonal pier.	36	1881	.....		1766

PROVINCE OF

LAKE

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1767	BAY OF QUINTE BRIDGE.	Immediately W. of Belleville.	44 8 36	77 23 7	F. white S. of southern opening; F. white N. of northern opening; red light at each end of draw span when bridge closed; 2 green lights at ends of draw span when open.	.....	18	3
1768	NIGGER ISLAND SHOAL.	In 11 feet of water on N. side of Steamboat Channel.	44 6 32	77 29 53	F. white.....	D, 7..	27	10
1772	BAY OF QUINTE AND MURRAY CANAL CHANNEL.       MURRAY CANAL.	30 feet from end of N. pier at E. entrance.	44 3 41	77 34 53	F. white.....	D, p..	27	5
1773		Over centre of swing pier Carrying Place highway bridge, 4,725 feet from No. 1772.	.....	.....	F. red and white..	D, p..	35	6
1774		Over centre of swing pier of Central Ontario Railway bridge, 1,500 feet W. from Carrying Place bridge	.....	.....	F. red and white..	D, p..	20	4
1775		Over centre pier of Smithfield bridge, 6,600 feet W. from Railway bridge.	.....	.....	F. red and white..	D, p..	35	6
1776		Over centre of swing pier of Lovatt bridge, 7,700 feet W. from Smithfield bridge and 6,490 feet from W. entrance to canal.	.....	.....	F. red and white..	D, p..	35	6
1777		30 feet from end of N. pier at W. entrance.	44 1 58	77 40 35	F. white.....	D, p	27	5

ONTARIO—Continued.

ONTARIO—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Open truss bridge.....		1891		Centre pier of swing span is 195 feet from S. or Prince Edward Co. shore. A channel 100 feet wide both N. and S. of swing pier. When draw is open vessel will see 2 green lights flanked by 2 white lights and must pass between a green and white light. Maintained by Bridge Co.	1767
White, square, wood, on pier.	27	1894		Vessels upon leaving the swing of Belleville bridge, bound up, steer W. by S. $\frac{3}{4}$ S. directly for the light and pass it leaving it about 300 feet on the starboard hand. Vessels, bound down, after passing the red buoy off Onderdonk Shoal, steer N.E. $\frac{3}{4}$ E. directly for the light. When within 4,000 feet of it they open it half a point on the starboard bow so as to clear the north extreme of the shoal extending from Potters Point. At 2,000 feet distant they change their course so as to pass it, leaving it 300 feet to the northward, and after passing the most easterly black buoy on Potters Point Shoal shape their course directly for the swing of Belleville bridge.	1768
White circular column rising from hexagonal base.	18	1891 reb't 1899			1772
Open truss bridge.....		1891			1773
Open truss bridge.....		1891		By day the centres of the swings of the bridges, by night the lights on the same (white if swings are open, red if closed), in one will indicate the middle of the canal and the dredged channel. Each bridge is passed to the south of the swing, which is somewhat to the northward of the axis.	1774
Open truss bridge.....		1891			1775
Open truss bridge.....		1891			1776
White circular column rising from hexagonal base.	18	1891 reb't 1899			1777

## PROVINCE OF

## LAKE

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of light above high water mark.	Miles seen in clear weather.
1779	BRIGHTON RANGES.	No. 3.—7,200 feet from end of canal piers and 3,920 ft. from Brighton wharf, Presqu'île Bay.	44 1 29	77 42 5	F. white.	C	29	3
1780		No. 2.—5,360 feet W. by S. $\frac{3}{4}$ S. from No. 3, and 1,440 ft. from Brighton wharf.			F. red.	C	45	6
1781		No. 1.—1,420 feet S. E. by E. $\frac{1}{2}$ E. from No. 2, and 1,100 feet from Brighton wharf.	44 1 27	77 42 55	F. white.	C	28	6
1783	SALT POINT.....	On extremity of sand spit.	44 0 18	77 40 56	F. white.	D, p.	22	4
	PRESQU'ÎLE.....	See No. 1,794 below.						
	SOUTH BAY POINT..	See No. 1,755 above.						
1786	POINT PETER.....	On Point.....	43 50 50	77 8 0	Rev. white 35 secs.	C	62	13
1788	SALMON OR WICKED POINT.	On extremity.....	43 51 50	77 13 50	F. red.	C	40	8
1789	SCOTCH BONNET OR EGG ISLAND.	On small island, 1 mile S.W. of Nicholson Island.	43 54 0	77 32 25	F. white.	C	51	12
1792	WELLER BAY.....	At S.W. end of Quinte Carrying Place.	44 2 8	77 35 39	F. white.	G	26	10
1793		508 feet N.E. $\frac{3}{4}$ E. from front light.			F. red.	C	37	7
1794	PRESQU'ÎLE.....	E. point of Peninsula.	43 59 54	77 40 30	F. white.	D, 7.	67	13
		For Murray Canal lights going east read upwards from No. 1783.						
1797	COBOURG.....	On east pier.....	43 57 10	78 8 35	F. white	Gas	20	8
1798		On east pier head, S. by W. $\frac{1}{4}$ W. 409 ft. outside of corporation light.			F. white	D, p.	23	.....
1799		On west pier, at elbow, 190 ft. from extremity.	43 57 8	78 8 50	F. red	D, p.	26	6
1801	PETER ROCK OR GULL ISLAND.	W. by S., 4 miles from Cobourg.	43 56 10	78 12 10	F. white.	C	45	10
1802	PORT HOPE.....	110 ft. from extremity of E. breakwater.	43 56 20	78 14 30	F. white	Gas	40	4

ONTARIO—Continued.

ONTARIO—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood on octagonal pier.	30	1891	.....	No. 3 tower stands in 15 feet water in the axis of the Murray Canal and on the N. side of the channel, which bears S. W. by W. $\frac{3}{4}$ W. In one with No. 2 light leads up from the canal through the centre of the channel, and is to be left 100 feet on the starboard hand in passing up. After being passed, if brought directly astern with No. 1 directly ahead, it will guide through the remainder of the dredged channel.	1779
White, square, wood on square pier.	47	1891	.....		1780
White, square, wood on octagonal pier.	30	1891	.....		1781
White, square, wood..	27	1851	.....	Good water close up to point.....	1783
White, circular, stone. Fog-alarm building, white, with brown roof, wooden.	60	1833 Fog-alarm 1890	Steam-horn gives blasts of 20 seconds with intervals of 35 seconds.	Fog-horn close in front of tower, 16 feet above water.	1786
White, square, wood, with dwelling attached.	30	1871	.....	.....	1788
White, circular, stone; dwelling attached.	54	1856	Hand horn answers signals from vessels.	.....	1789
White, square, open framework, wood.	27	1876	.....	Vessels entering keep the lights well open to the northward to clear the spit which makes off the Bald Head and has now reached the line of range.	1792
White, square, wood..	37	1876	.....		1793
White, octagonal, stone	63	1840	.....	.....	1794
White, square, wood..	16	1844	.....	Maintained by Town Corporation..	1797
Lantern on a mast....	20	1886	.....	.....	1798
Lantern on a mast....	20	1883 mov'd 1887	.....	Visible from all points seaward ...	1799
White, circular, stone, surrounded by crib-work pier.	48	1840	.....	On a rock off the point. ....	1801
White, square, wood..	44	1868	.....	Not under Marine Department...	1802

PROVINCE OF  
LAKE

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1805	NEWCASTLE .....	On outer end of E. breakwater pier.	43 53 35	78 34 0	F. white.....	D 7..	29	10
1806	DARLINGTON.....	Pier head .....	43 52 40	78 38 0	F. white.....	D, 7..		4
1807	OSHAWA .....	Pier head.....	43 52 0	78 47 0	F. white.....			
1809	WHITBY.....	W. pier.....	43 50 45	78 56 0	F. white.....	C and D, p.	12	5
1811	FRENCHMANS BAY OR PICKERING.	E. pier head.....	43 48 55	79 1 55	F. green .....	C.....	41	6
1813	TORONTO EAST PIER.	Front range 100 feet from outer end of East pier.	43 37 48	79 20 20	Occ. red, visible 6 seconds, eclipsed 6 seconds.	D. 6..	43	8
1814		Back range N. W. by N. 2,400 ft. from front light.			F. red .....	D, 7..	18	6
1818	GIBRALTAR POINT...	S. W. side of Point, 1 $\frac{1}{2}$ mile S. of Toronto.	43 37 0	79 22 55	Rev. white, 45 seconds.	C.....	66	14
1819	TORONTO.....	Front range on N. W. corner of Queen's Wharf.	43 37 55	79 24 45	F. white.....	D, p..	23	9
1820		Back range on extension shoreward of Wharf, 215 feet N. E. by N. from front one.			F. red.....	D, p..	37	7
1822	PORT CREDIT .....	At outer end of N. breakwater pier.	43 33 40	79 5 0	F. white.....	D, 7..	37	11
1824	OAKVILLE.....	Near inner end of main pier.	43 26 40	79 40 12	F. white.....	D, 7..	39	11
1826	BURLINGTON BAY.	Main light near middle of S. pier at entrance, 1,570 feet S. W. by W $\frac{1}{2}$ W. from front light.	43 18 20	79 48 25	F. white.....	C.....	75	15
1827		Front range light near outer end of S. pier			F. white.....	C.....	30	4
1828		On inner end of S. pier, 1,300 feet S. 67° W. from main tower.	43 18 15	79 48 47	{ F. red .....	{	24	6
				{ F. white.....	{	18		

ONTARIO—Continued.

ONTARIO—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, wooden, tower surmounted by iron lantern rising from roof of store house. On a stone house	28	1847 im-prov'd 1890		Maintained by the Newcastle Harbour Co.	1805
.....	.....	.....	.....	Not under Marine Department	1806
.....	.....	1863	.....	Not under Marine Department	1807
Square, wood	8	1844	.....	Not under Marine Department	1809
White, octagonal, wood	47	1863	.....	Repaired, 1880	1811
Red steel skeleton tower, white enclosure and lantern, red roof.	40	1895 reb't 1898	Bell rung by machinery, gives a stroke every 3 seconds.	Visible out on the lake over an arc of 180° from N. N. E. through N. and E. to S. S. W. Lights in one show the line of the pier.	1813
Gray, iron, column on hexagonal shed.	11	1898	.....		1814
White, hexagonal, stone. Keeper's dwelling near. Fog-horn building of wood, white, with brown roof.	62	1820 Fog-horn 1886	Steam horn sounds blasts of 7 seconds with intervals of 90 seconds.	Fog horn, 1,150 feet S.W. by S. from the lighthouse.	1818
White, hexagonal, wood	23	1856	Bell rung by hand	Visible over an arc of 180°. Maintained by Toronto Harbour Commissioners. Fog bell attached to tower.	1819
Red, octagonal, wood	35	1838	.....	Visible over an arc of 180°. Maintained by Toronto Harbour Commissioners. The two lights in range lead in through the centre of the buoyed channel 200 feet wide.	1820
White, square, wood	36	1863 building 1882	.....	Visible from all points of approach	1822
White with iron lantern red, hexagonal, wood.	31	1863 re-built 1888	.....	Vessels must allow for position of light and exercise caution in clearing end of pier.	1824
Gray, circular, stone building, iron lantern red.	79	1838	Hand horn answers signals from vessels.	.....	1826
White, circular, wood	30	1845	.....	.....	1827
Two lanterns on same mast.	20	1899	.....	Visible from all points of approach in Burlington Bay. To guide to the canal from Hamilton and Burlington Bay.	1828

## PROVINCE OF

## LAKE

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1830	PORT DALHOUSIE.	On beach, east of line of east breakwater. Lake Ontario entrance to Welland Canal.	43 12 10	79 15 50	Occulting white, visible 30 seconds and eclipsed 5 seconds, alternately, electric.	C.....	56	9
1831		Near outer end of east pier, and 1,500 feet N $\frac{1}{2}$ E. from main light.	.....	.....	F. white, electric.	D, 7..	42	11
1833	NIAGARA BELL BUOY	In 20 feet off W. side of mouth of river.	43 17 40	79 5 30	.....	.....	.....	.....

## LAKE

1838	WAVERLY SHOAL GAS BUOY.	Maintained by U. S. Government.	.....	.....	.....	.....	.....	.....
1838	PORT COLBORNE.	Lake Erie entrance to Welland Canal, old W. pier head. Main light.	42 52 25	79 15 7	F. white.....	C.....	72	14
1839		On cribwork block on W. side of canal, 2,090 ft. N. by E. $\frac{1}{2}$ E. from main light.	.....	.....	F. red.....	C.....	35	7
1840	PORT COLBORNE BREAKWATER.	On outer end of breakwater.	42 52 2	79 15 13	F. red, temporarily	D, 7..	50	8
1842	MOHAWK ISLAND.	Between Port Colborne and Port Maitland, 1 mile S.W. of mainland.	42 50 2	79 31 23	Gp. rev. white, 3 flashes at intervals of 30 sec. followed by eclipse 75 secs., complete revolution 24 minutes.	C.....	70	10
1844	PORT MAITLAND	On block on W. pier, 100 feet from S. end of pier.	42 51 8	79 34 48	F. white.....	C.....	51	10

ONTARIO—Continued.

ONTARIO—Concluded.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, octagonal, wood, red iron lantern.	58	1852 re-built 1898		Shows from E. to W. by S. . . . . Visible from all points of approach lakeward. Should the electric power fail at any time, a fixed red light will be shown temporarily.	183
White, square, wood.	38	1879	Bell rung by hand answers signals from vessels.	One lamp shows N. $\frac{1}{2}$ E., one N.W., and one S.W. or up the harbour.	1831
Red iron buoy surmounted by open frame holding bell.		1889	Bell rung by motion of waves.	From buoy American lighthouse bears S.E. by S. $\frac{1}{4}$ S. $2\frac{3}{4}$ miles; Fort Massassauga S. by E.; Four Mile Point S.W. $\frac{1}{4}$ S. A course of $2\frac{3}{4}$ miles S.S.E. $\frac{1}{4}$ E. will lead to wharf at Niagara-on-the-Lake Vessels entering can run close to buoy leaving it on starboard hand.	1833

ERIE.

White, octagonal, wood, iron lantern red, tower stands on a brown cylindrical base.	60	1852 re-built 1890	Steam horn sounds blasts of 11 seconds every $1\frac{1}{2}$ minutes.	The range leads into the harbour over deepest water 110 feet clear of new breakwater. Light should be left on port hand. Main light visible from all points seaward; back one in line of range and into harbour.	1838
White, square, wood.	27	1878 moved 1901		A vertically striped red and white beacon surmounted by a globe, stands on outermost crib of east pier.	1839
White, square, concrete, sides of lower part vertical and of upper part sloping; red, octagonal, iron lantern.	46	1903		Visible from all points of approach by water.	1840
White, circular, stone, with dwelling attached.	60	1848			1842
White, square, wood, on brown steel skeleton frame. Polygonal, iron lantern red.	41	1846 re-built 1898		Grand River entrance.	1844

## PROVINCE OF

## LAKE

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1846	PORT DOVER.....	110 feet from outer end of W. pier.	42 46 52	80 12 10	F. white....	C....	20	8
1847		1,700 feet N. E. from front light.			F. red.	C....	45	7
1849	LONG POINT OR NORTH FORELAND.	E. extremity .....	42 33 0	80 3 20	Rev. white 1 min..	C....	69	13
1851	WEST END OF LONG POINT.	On S. shore of inner bay.	42 34 52	80 23 50	Rev. red 1 minute.	C....	57	12
1853	PORT BURWELL OR BIG OTTER CREEK.	333 yards in shore.....	42 39 00	80 48 15	F. white .....	C....	89	15
1856	PORT STANLEY.....	W. pier head.....	42 39 55	81 12 40	F. white .....	C....	42	11
1859	RONDEAU HARBOUR	On a cribwork block on outer end of the E. breakwater pier.			F. white.....	C....	34	11
1860		780 feet N. by E. $\frac{1}{2}$ E. from front light.	42 15 32	81 54 18	Alt. red and white. $\frac{1}{2}$ minutes.	C....	70	14
1862	SOUTH EAST SHOAL LIGHTSHIP.	In $6\frac{1}{2}$ fathoms 1 mile southeastwardly from southern extremity of shoal.	41 49 21	82 27 10	F. white (3 lanterns around high mast)	D, 5.	50	12
1863	PELEE PASSAGE.....	On pier on N. end of the Middle Ground.	41 51 15	82 34 35	Fl. white..... Flash 58 sec. Eclipse 85 " Flash 58 " Eclipse 5' 48 "  In every 7' 49 secs.	D, 3.	75	14
1865	PELEE ISLAND .....	N.E. Point.....	41 49 55	82 38 22	F. white.....	C....	45	9
1866	MIDDLE ISLAND.....	Between Pelee and Kelly Islands.	41 41 0	82 40 49	F. red.....	D, 7.	70	12

ONTARIO—Continued.

ERIE—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood..	20	1846	.....	The two lights in one show the harbour entrance and lead up to the pier in the best water.	1846
Red, skeleton steel tower surmounted by enclosed wooden lantern.	45	1897	.....		1847
White, octagonal, wood; fog-alarm building white, wooden.	60	1843 Fog-alarm 1892	Steam horn sounds blasts of 7 seconds, with intervals of 30 seconds.	Fog alarm building 200 yards S. of light, 400 yards from shore. Horn, 20 feet above water, faces S. E.	1849
White, square, wood, dwelling attached.	56	1879	.....	Visible from all points seaward.	1851
White, octagonal, wood; red wooden lantern.	55	1840	.....	.....	1853
White, square, wood..	35	1844 reb'lt 1882	.....	Visible from all points seaward.....	1856
White square, open framework; brown lantern.	30	1876 mov'd 1891	Hand horn answers signals from vessels.	The alignment, N. by E. $\frac{1}{2}$ E., leads to entrance, and lights must be left on starboard hand in entering. The front light is visible only over a small arc on each side of the alignment, the back light from all points of approach.	1859
White, octagonal, wood, on brown steel cylindrical base; brown, polygonal, iron lantern.	49	1876 mov'd 1891	.....		1860
2-masted schooner, hull to rail red, upper works white.	.....	1896 Light-ship 1901	An 8-inch modoc steam whistle sounds blasts of 20 seconds duration every 2 minutes.	Maintained by Lake Carriers' Association.	1862
White, circular, steel, on brown, cylindrical, steel-sheathed, concrete pier surrounded by polygonal crib-work. Red, polygonal iron lantern.	66	1902	Steam siren gives blasts of 7 seconds' duration, separated by silent intervals of 30 seconds.	Visible from all points of approach by water. The siren projects from the N. side of the lighthouse. Vessels should pass half a mile north of the lighthouse.	1863
White, circular, stone.	40	1833	Hand horn answers signals from vessels.	W. by S. clears Pelee Shoal.....	1865
White, square, wood..	49	1872	.....	.....	1866

## PROVINCE OF

## LAKE

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Lights.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1868	GRUBB REEF GAS BUOY.	In 25 feet, on the reef.	41 53	78 23 30	Occ. white, about 10 secs.	D, Gas	8	4
1870	LEAMINGTON.....	On shore near pier.....	42 1 50	82 35 38	F. white.....	C.....	48	12
1871	KINGSVILLE.....	On outer end of E. breakwater pier, 10 feet from W. edge.	42 1 37	82 43 50	F. red.....	D, 7..	27	5
1872		On top of bank at head of E. pier N. by W., 1,060 feet from front light.	42 1 48	82 43 55	F. red.....	D, 7..	55	8
1873	COLCHESTER REEF...	Near southeastern edge of reef.	41 56	2 82 53 33	F. white .....	D, 3..	72	14

## RIVER

1876	BAR POINT CUT GAS BUOY.	In 3 fathoms on E. side of S. end of dredged channel off Bar Point.	42 0 24	83 7 46	F. white.....	D, gas	9	4
	RIVER DETROIT.....	U. S. light.						
	BAR POINT LIGHTSHIP.	In 2½ fathoms about 500 feet to westward of a line drawn from Bois Blanc (Canadian) Lighthouse to Detroit River (Bar Point) Lighthouse.	42 2 17	83 8 0	F. white (3 lanterns encircling fore masthead.)	D.....	33	11
1878	BOIS BLANC.....	On the foot of Bois Blanc Island, below and opposite Amherstburg.	42 5 11	83 6 45	F. white.....	C.....	56	14
1879	ELLIOTT POINT RANGE.	Front light 1,696 feet S. 58° 28' E. from Bois Blanc Island light.	42 5 7	83 6 23	F. red.....	C.....	12	2
1880		Rear light 650 feet S. 4° 10' E. from front one.			F. red.....	C.....	23	2

ONTARIO—Continued.

ERIE—Concluded.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Red, iron, cylindrical buoy, surmounted by red, can-shaped, slat-work cage supporting a lantern.		1902		Light must not be depended on....	1868
White, square, wood.	37	1880			1870
Lantern on a pole. ....	21	1886		In one lead to entrance, the outer light being left on starboard side in entering. Visible from all points of approach.	1871
White, with iron lantern red, square, wood.	29	1886 mov'd 1889			1872
White, with iron lantern red, hexagonal, wood on circular stone pier.	60	1885	Bell rung by machinery, gives 1 stroke every 15 seconds.	Visible all around the horizon. Fog-bell on S. side of tower.	1873

DETROIT.

Red, iron, cylindrical buoy, with conical top, surmounted by red lantern.		1901		Light must not be depended on....	1876
2 masted schooner, hull black, with "No. 59, Bar Point Shoal" in white. Black circular day mark at fore-masthead.		1889	Steam whistle gives blasts of 10 secs. with intervals of 30 secs. If whistle be disabled a bell will be rung by hand.	From ship Bois-Blanc Light bears N. by E. $\frac{1}{2}$ E. 18,200 feet, and Bar Point Light S. $\frac{1}{4}$ W., 13,800 feet. Maintained by the United States Government. Lights visible all around horizon.	
White, with red iron lantern, circular, stone, with dwelling near by on E. side.	40	1837 re- newed 1880			1878
Lantern on a mast with diamond target 8 feet square with a vertical black stripe 1 ft. wide.	15	1898		Maintained by the Lake Carriers' Association. Range shows best water between Bois Blanc I. and Amherstburg.	1879
Similar to front light...	25	1898			1880

PROVINCE OF  
RIVER

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1883	AMHERSTBURG RANGE.	Front range on E. bank Detroit River, 80 feet from water's edge and 2,300 feet N. of Fraser's Dock.	42 5 40	83 6 10	F. red	C	56	8
1884		Back range, 475 feet N. 16° 30' E. from front.			F. red	C	80	8
1887	HEAD OF BOIS BLANC ISLAND RANGE.	Front light 300 feet from extreme N. point.	42 6 17	83 6 45	F. white	C	70	2
1888		Back light, 150 yards S. by W. $\frac{1}{2}$ W. from front light.			F. red	C	90	2
1889	LIMEKILN CROSSING RANGE.	Front light on a pier on the shoal opposite Fort Malden, above Amherstburg.	42 6 19	83 6 25	F. white	C	31	2
1890		Back light on a pier 890 feet S. $\frac{1}{15}$ E. from front light.			F. red	C	51	2
	LIMEKILN CROSSING SOUTH LIGHT VESSEL.	Maintained by the U. S. Government.						
	LIMEKILN CROSSING NORTH LIGHT VESSEL.							
1893	FORT MALDEN RANGE.	Front light, on edge of bank, E. side of river, about 2,000 feet E. of railway station, and abreast of lower end of Limekiln Crossing Cut.	42 6 52	83 6 14	F. white	C	75	6
1894		Back light, on E. side of street, 646 feet S. 18° 45' E. from front light.			F. red	C	108	6
1895		Front light on lower end of railway transfer slip.	42 7 30	83 6 25	F. red	C	35	2
1896	TEXAS DOCK RANGE.	Back light, 375 feet N. $\frac{1}{4}$ W. from front, on bank above Texas Dock.			F. white	C	60	2
	BALLARD REEF GAS BUOYS.	U. S. Lights.						

ONTARIO—Continued.

DETROIT—Concluded.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, open frame, square, wood, side facing channel slatted.	50	1889		Maintained by the Lake Carriers' Association of Buffalo, N. Y. In one lead up from light-ship clear of all shoals and east of middle ground shoal off the tail of Bois Blanc bank.	1883
Red, open frame, square wood, side facing channel slatted.	80	1889			1884
White, iron tripod, with oval target at top.	70	1875 cha gd 1892		Range to lead to foot of Limekiln • Crossing Channel.	1887
Red, iron tripod, with oval target at top.	90	1875 cha gd 1892			1888
White iron skeleton tower surmounted by metal lantern.	30	1886 mov'd 1891		The alignment of these lights can be kept with the alignment of Bois Blanc Island range, northward to its intersection with the alignment of the U. S. range lights at the head of Grosse Isle. Visible in line of range. At foot of dredged channel.	1889
Red iron skeleton tower surmounted by metal lantern.	50	1886 mov'd 1891			1890
White, open frame, wood, side facing channel slatted.	50	1889		Maintained by American vessel owners. In one, show the best channel, clear of shoals from the head of the Limekiln Crossing Cut to the foot of Fighting Island.	1893
White, open frame, wood, side facing channel slatted.	80	1889			1894
Lantern on a mast with small day beacon attached.	28			Maintained by Messrs. Duff & Gattfield, pilots, at head of dredged channel.	1895
Lantern on a mast with small day beacon attached.	40				1896

## PROVINCE OF

## LAKE

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1903		Mouth of river, S. shore	42 19	0 82 26 50	F. white .....	D, 7..	55	12
1904	THAMES RIVER....	Range light, 300 feet N.W. $\frac{1}{2}$ N. from main one.			F. white.....	C....	22	6

## RIVER

1911	STAG ISLAND SHOAL.	On S. end of shoal....	42 52	0 82 27 50	F. white.....	D, p..	14	4
1915		Near the old wharf, in village, on ground, 10 ft. above water, at foot of Fane street.	42 53 35	82 26 40	F. white.....	C....	48	4
1916	CORBENNA RANGE..	On W. side of Beresford street, 568 feet S. 13° E. from front light.			F. white.....	C....	69	4
1919		Front light on the beach.	43 0 11	82 24 49	F. red.....	D, 7..	35	7
1920	POINT EDWARD....	Back light on the beach, 579 feet S. 2 $\frac{1}{2}$ ° W. from front light.			F. red.....	C....	58	8

## LAKE HURON, GEORGIAN

1923		Main light on high Bank, S. of entrance to harbour.	43 44 33	81 43 34	F. white.....	C....	150	18
1924		Fog alarm on town waterworks building on beach.						
1925	GODERICH.....	Front range light, 15 feet from S. edge of N. breakwater and 117 ft. from its outer extremity.			F. red.....	C....	45	5
1926		Back light, on N. pier, 1,533 feet S. 77° E. from front one.			F. green.....	C....	34	5
1928	POINT CLARK.....	On extremity of low point.	44 4 23	81 45 31	Rev. white, 30 seconds.	D, 2..	93	15

ONTARIO—Continued.

Sr. CLAIR.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, circular, stone.	59	1837	.....	These two lights, in one, lead over bar.	1903
Red, open frame, square wood.	23	1845	.....		1904

Sr. CLAIR.

Lantern on a mast with white shed at base, on pile foundation.	11	1900	.....		1911
White, square, wood	42	1890	.....	Lights visible over a small arc on each side of the line of range. The alignment, S. 13° E., indicates the best water in the Canadian channel past the shoals at the head of Stag Island on the W., and past the shoals off the mouth of Talford Creek on the E. side.	1915
White, square, wooden.	42	1890 Re-built 1892	.....		
White, square, wood	34	1903	.....	Front light visible from all points of approach by water; back light visible in the line of range. Lights in one lead in to head of St. Clair River from Lake Huron, and should be kept in one ahead until their alignment is intersected by the alignment of Fort Gratiot range.	1919 1920
White, square, wood	54	1903	.....		

BAY AND NORTH CHANNEL

White, square, stone, with dwelling attached.	20	1847	.....		1923
Red brick, with wooden roof and 2 high brick chimneys on lake-side, partially hidden by store-house.	.....	1889	8-inch steam-whistle, 30 feet above water, gives blasts of 10 seconds, with intervals of 50 seconds.	1,780 feet S. E. by E. $\frac{3}{4}$ E. from outer red light. Maintained by Corporation.	1924
White, square, open frame.	33	.....	.....	To enter harbour the range lights should be kept in one E. by S. $\frac{1}{4}$ S. until within 700 feet of front light when the lights should be opened sufficiently to pass 25 to 100 feet south of both in the axis of the dredged channel 100 feet wide.	1925
White, square, wood	31	Re-built 1880	.....		
White, circular, stone.	87	1859	.....		1928

## PROVINCE OF

## LAKE HURON, GEORGIAN BAY

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1930		Front light on N. pier, 239 ft. from W. end, 1,200 feet N. 70° W. from main light.			F. red	D, 7.	35	7
1931	KINCARDINE	Back light. Main light in the town on hill side.	44 10 38 81 38 22		Alt. white and red, 20 seconds.	C	80	14
1932		Fog-alarm on town waterworks building, on lake shore.						
1934	SOUTH RANGE.	On shore 1,200 feet S. 7° E. from S. end of Govt. wharf.	44 26 25 81 24 15		F. white	D, p.	16	4
1935		Back light 70 ft. S. 70° E. from front one.			F. red	D, p.	20	4
1936	NORTH RANGE	On N. extremity of Government wharf.			F. white	D, 7.	21	9
1937		On shore E. side of harbour 660 feet N. 36° E. from front light.			F. red	D, p.	31	4
1940	CHANTRY ISLAND	About 2½ miles W. from Saugeen.	44 29 23 81 24 9		F. white	D, 2.	94	15
1941	SOUTHAMPTON HARBOUR.	On E. end of W. breakwater N. E. by E. 933 yards from Chantry Island Light.	44 29 44 81 23 39		F. red to N., white in harbour.	C	27	7
1942		Back light on shore S. of landing pier 2,638 yds. S. 4° 30' W. from the front one.			F. white	C	31	10
1943	SAUGEEN	On cribwork block on breakwater, on N. side of mouth of river	44 30 8 81 22 31		F. green	D, p.	36	4
1944		Back light on hill S. 80° E. 700 feet from pier light.			F. green	D, p.	49	4
1947	LYAL ISLAND	On W. side of Island.	44 57 10 81 25 10		Rev. white, 15 seconds.	C	51	12
1948	STOKES BAY	Range lights to be established.						
1949								
1953	COVE ISLAND	N. point of Cove Island, entrance to Georgian Bay.	45 19 40 81 44 9		F. white, bright, 10 seconds; eclipsed 15 seconds.	D, 2.	90	15

For Georgian Bay lights, see No. 1971.

ONTARIO—Continued.

AND NORTH CHANNEL—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Brown, steel, square, skeleton tower, surmounted by a white octagonal, wooden lantern.	33	1874 Re-built 1903		Both lights visible from all points seaward.	1930
Fawn colour, octagonal wood, dwelling attached, on high stone foundation.	63	1881		The two in line lead somewhat to the northward of the head of the north pier.	1931
Conspicuous, white brick building with high stack.		1903	Steam siren, 30 feet above water, gives blasts of 2½ secs. duration, separated by silent intervals of 42½ seconds	1,375 feet north of harbour entrance. Maintained by Corporation.	1932
Lantern on a mast, with white shed at base.	14	1895			1934
Lantern on a mast, with white shed at base.	18	1895		To enter bring south range lights into one and stand in until the north range lights are brought in line. Follow this range into dredged harbour between the breakwater and the landing wharf, leaving the front light on the star-board hand to clear the wharf.	1935
Lantern on a mast, with white shed at base.	14	1884			1936
Lantern on a mast, with white shed at base.	16	1895			1937
White, circular, stone.	86	1859			1940
White, square, wood	25	1877			1941
White, square, wood	28	1877 moved 1901		Alignment leads to opening in breakwater at N. end of harbour. Depth in channel 16 feet.	1942
White, square, wood	31	1883 Tower 1903		Front light visible from all points of approach by water; back light visible in, and over a small arc on each side of, the line of range.	1943
White, square, wood	31	1903 Tower		Lights in one guide small vessels into mouth of Saugeen River through narrow dredged channel 8 ft. deep.	1944
White, square, wood dwelling attached.	57	1885		Coast light and guide to Stokes Bay.	1947 1948 1949
White, circular, stone. Stone dwelling connected to tower by wooden shed.	85	1859	Steam horn gives blasts of 10 seconds, with intervals of 110 seconds.	Fog horn located 214 feet W. by N. of the light.	1953

## PROVINCE OF

## LAKE HURON, GEORGIAN BAY

No.	Name.	Location	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1955	SOUTH BAYMOUTH.	On S. E. end of small limestone island lying on the N. side of the mouth of the bay.	45 33 27	82 0 50	F. white.....	D, 7..	28	10
1956		On Manitoulin Island 772 ft. N. 28° E. from front tower.	.....	.....	F. white.....	C.....	46	12
1957	MICHAEL POINT....	On S. side of Manitoulin Island.	45 34 36	82 7 42	F. white.....	C.....	40	11
1960	JENNIE GRAHAM SHOAL BELL BUOY.	In 7 fathoms S. of the shoal.	45 36 18	82 56 21	.....	.....	.....	.....
1961	GREAT DUCK ISLAND.	On S.W. point of island	45 38 30	82 57 45	Rev. red and white, 40 seconds; one red and two white flashes every 2 minutes.	C.....	64	15
1964	MISSISSAGI STRAIT..	On S.W. point of W. end of Manitoulin Island.	45 53 37	83 13 30	F. white.....	C.....	46	13
		For North Channel lights see No. 2068.						
		For St. Mary River lights see No. 2118.						
		Cove Island.—See above No. 1953.						
1968	TOBERMORY.....	Water's edge, W. side of entrance.	45 15 35	81 40 25	F. red.....	D, 7..	40	8
1969	FLOWERPOT ISLAND.	Northeasternmost point of Island.	45 18 30	81 36 48	F. white.....	D, 7..	88	15
1971	CABOT HEAD.....	On cliff ¼ mile E. from entrance to Wingfield Basin.	45 14 45	81 17 25	Gp. rev. white, 3 flashes 20 seconds apart, then eclipse 40 secs. Complete revolution 80 secs.	C...	80	14
1970	LIONS HEAD HARBOUR.	On outer end of break-water at N. entrance.	44 59 31	81 14 55	F. red.....	C.....	20	6
1972	SURPRISE SHOAL, BELL BUOY.	In 6 fathoms immediately N. of 9-foot patch at W. end of shoal.	45 3 27	81 1 20	.....	.....	.....	.....

ONTARIO—Continued.

AND NORTH CHANNEL—Continued.

Colour and peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood..	28	1898	.....	In entering keep lights in one till within 600 feet of front tower, when haul E. by N. $\frac{1}{2}$ N. to clear the south end of the village wharf, behind which there is good shelter.	1955
White, square, wood..	40	1898	.....		1956
White, square, wood ; red octagonal iron lantern.	25	1870	Hand horn answers signals from vessels.	Visible from all points of approach.	1957
Red, steel buoy surmounted by a bell.	.....	1903	Bell rung by motion of the buoy on the waves	From the buoy Great Duck Island Lighthouse bears N. 18° W. 2 $\frac{1}{2}$ miles; and the S. extreme of Outer Duck Island, N. 32 $\frac{1}{2}$ ° E. 1 $\frac{1}{2}$ miles.	1960
White, square, wood, with dwelling attached. Fog-alarm building, white with brown roof.	54	1877 Fog-alarm 1888	Steam horn gives blasts of 8 seconds, with intervals of 35 seconds.	Fog horn located 150 feet S.E. from light.	1961
White, square, wood, with dwelling attached, partially hidden behind white wooden fog alarm building with brown roof.	28	1873	Steam "wild-cat" whistle gives blasts of 8 seconds, with intervals of 2 min. Pitch of whistle varies during the blast.	For guiding vessels through Missisquoi Strait for either entrance.	1964
White, hexagonal, wood red iron lantern.	43	1885	.....	.....	1968
White, square, wood, red lantern rising from red roof of building.	31	1897	Bell gives one stroke every 7 seconds.	Visible between the bearings E. by S. $\frac{1}{2}$ S. through S. to W. by N. $\frac{1}{2}$ N.	1969
White, square, wood, with dwelling attached, red polygonal, iron lantern. Fog horn building white, wood.	54	1896	Steam horn gives blasts of 8 seconds with silent intervals of 40 seconds.	Fog horn located on beach about 200 feet E. of light.	1971
Lantern on a pole.....	15	1903	.....	Visible from all points of approach by water.	1970
Black iron buoy, surmounted by open frame holding bell.	.....	1893	Bell rung by action of the waves.	Patches with less than 2 fathoms extend nearly 1 mile east, deep water 2 cables S. of buoy.	1972

## PROVINCE OF

## LAKE HURON, GEORGIAN BAY

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1973	CAPE CROKER.....	On outer extreme of the point $1\frac{1}{2}$ mile south-eastwardly from Cape Croker.	44 57 27	80 57 35	Occ. white..... Visible... 23 secs. Eclipsed. $4\frac{1}{2}$ "	D, 7...	31	10
1975	WIARTON.....	Near outer end of break-water, head of Col-poy Bay.	44 45 0	81 8 10	F. red.....	D, 7..	19	6
1977	GRIFFITH ISLAND.....	N.E. side of island, 17 miles from Town of Owen Sound.	44 51 3	80 53 22	F. white.....	D, 3..	85	16
1979	PRESQU'ILE.....	Near McKenzie's wharf, Owen Sound, Georgian Bay.	44 41 48	80 54 25	F. white.....	C.....	31	10
1981		On pilework, E. side of mouth of Sydenham River.	44 34 43	80 56 19	F. red.....	C.....	39	7
	OWEN SOUND.....							
1982		On pile foundation, 1053 feet S. by W. $\frac{3}{4}$ W. from front tower.			F. red.....	C.....	46	8
1984	MEAFORD.....	On outer end of pier on W. side of entrance.	44 36 50	80 35 10	F. white, electric..	C.....	42	13
1985	MEAFORD, EAST PIER.	On outer end of E. pier.			F. white, electric (incandescent.)		14	.....
1987		Front light on E. side of outer end of W. breakwater pier.	44 34 10	80 27 10	F. white.....	D, 7..	32	7
1988	THORNBURY.....	Back light on W. side of Beaver River, 376 feet S. by W. $\frac{1}{2}$ W. from front light.			F. red.....	D, 7..	36	7
1990	NOTTAWASAGA ISLAND.	2 miles N.W. of Col-lingwood Harbour.	44 32 20	80 15 50	Rev. white, every $\frac{1}{2}$ minute.  (See remarks col-umn.)	D, 2..	86	17

ONTARIO—Continued.

AND NORTH CHANNEL—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, wood; white, rectangular, wooden dwelling 43 feet in rear.	25	1902	Fog siren, operated by compressed air, gives blasts of 15 seconds with silent intervals of 15 seconds.	Visible from all points of approach by water.	1973
Lantern on a mast, with white shed at base.	18	1891			1975
White, circular, stone.	61	1859	Hand horn answers signals from vessels.		1977
White, square, wood..	27	1873	Hand horn answers signals from vessels.		1979
White, with vertical red stripe on N. side, square, wood.	34	Re-built 1883 moved 1895		N.B.—There are ranges for ascertaining compass errors at this port. Particulars can be obtained from Harbour Master.	1981
White, square, wood..	46	Built 1895		Lights can be brought in one as soon as seen, and kept until front light is 900 feet distant, when haul up for entrance leaving both on port hand.	1982
White, square, wood..	35	1878	Hand horn answers signals from vessels.	Should the electric power fail at any time, a fixed white oil light will be shown temporarily.	1984
Lantern on a pole.		1903		Should the electric power fail at any time, a fixed white oil light will be shown temporarily.	1985
Lantern on mast, with drab shed at base.	25	1887		Front light visible from all points of approach by water, back light visible in line of range.	1987
Lantern on mast with drab shed at base.	29	1901		The two lights in one, bearing S. by W. ½ W., lead in through centre of dredged channel to entrance between breakwater piers.	1988
White, circular, stone.	85	1859	Hand horn answers signals from vessels.	Red sector covering an arc of 30° S.W. from Fisheruan's Point and including Collingwood Harbour, to indicate shoals between light and harbour. Collingwood breakwater light well open N. Eastward of this light clears Mary Ward ledges, and white light kept open till breakwater light bears S.W. clears shoals between the two.	1990

PROVINCE OF

LAKE HURON, GEORGIAN BAY

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	
								Miles seen in clear weather.
1992		Outer end of W. break-water pier.	44 31	0 80 13 50	F. red.....	C.....	41	8
1993	COLLINGWOOD.....	At turn of dredged channel in harbour.	44 30 40	80 13 45	F. red.....	D, p..	27	6
1994	COLLINGWOOD SHORE RANGE.	Front light on shore in S. part of harbour, 330 feet S. 17° W. from N.W. extremity of Fleming's wharf.			Two F. white 6 feet apart vertically.			
1995		Back light on S. side of Second Street, 1,610 feet S. 7° W. from front light.			Two F. white 6 feet apart vertically.			
2000	CHRISTIAN ISLAND..	On Bar Point.....	44 47	2 80 9 25	F. white.....	D, 4..	61	15
2002	HOPE ISLAND.....	On N.E. point of Island	44 54 50	80 10 0	Rev. white—One minute.	C.....	54	12
2004	GIANTS TOMB.....	On S. extremity of Island.	44 52 47	80 0 28	F. white.....	D, 7..	40	11
2007	BRÉBEUF RANGE..	On N. end of Brébeuf Island.	44 52 32	79 53 3	F. white.....	C.....	40	11
2008		Back light on W. shore of Beausoleil Island, 2,400 ft. S. 86° E. from front light.			F. white.....	C....	40	11
2009	MIDLAND POINT RANGE.	On beach 6 cables, S. 54° E. from Sucker Creek Point.	44 48 20	79 52 20	F. white..	D, 7..	31	10
2010		Back light on beach 3,000 ft. S. 17° E. from front light.			F. white.....	D, 7..	41	11
2012	MIDLAND.....	Front light on hillside in S.W. part of town.	44 44 58	79 53 56	F. red, electric....	Incandescent.	150	4
2013		Back light 1,320 feet S. 56° W. from front light.			F. red, electric....	Incandescent.	190	4

ONTARIO—Continued.

AND NORTH CHANNEL—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No
White, octagonal, wood, lantern roof red.	44	1858	Hand horn answers signals from vessels.	Mariners approaching Collingwood from the northward or northward should not pass east of the range "red light on the crib in the harbour in line with the breakwater pier light" S. 6° E. until Nottawasaga Island appears at least its own width open north of the north fall of Blue Mountain, N. 87° W., or until south of Lockerbie Rock, when they should haul over and bring the shore range on S. 7° W. to pass over the axis of the dredged 20 foot channel.	1992
White, square, wood. Lantern red.	27	1884 changed 1894	.....	} Maintained by Corporation. Lights in one indicate middle of 20-foot channel from its outer end, outside W. breakwater pier, to curve near red light on crib in harbour.	1993
Two lanterns on same pole; white diamond-shaped slatwork beacon at top of pole.	.....	1902	.....		1994
Two lanterns on same pole; white diamond-shaped slatwork beacon at top of pole.	.....	1902	.....		1995
White, circular, stone.	60	1859	Hand horn answers signals from vessels.	.....	2000
White, square, wood, with dwelling attached.	57	1884	Hand horn answers signals from vessels.	Shows all around, except where intercepted by trees on island.	2002
White, square, wood, surmounted by red iron lantern, dwelling attached.	37	1893	.....	Visible from all points of approach by water.	2004
White, square, wood; red polygonal iron lantern.	36	1900	.....	} Visible from all points of approach by water. The two lights in one, bearing S. 86° E., lead in from outside Bennet Bank to alignment of Midland Point range.	2007
White, square, wood, red roof.	42	1900	.....		2008
White, square, wood, on cribwork pier; lantern red.	33	1900	.....	} Visible from all points of approach by water. The two lights in one lead in S. 17° E. from intersection of alignment of Brebeuf range to within half a mile of front tower, where lights should be opened on starboard. Shore may be kept close aboard till Midland Point is rounded.	2009
White, square, wood; lantern red.	43	1900	.....		2010
Lamp on pole.....	30	1901	.....	} The lights in one, bearing S. 56° W., lead in from Midland Point to wharves in harbour, clear to southeastward of Midland Bay Shoal.	2012
Lamp on pole.....	30	1901	.....		2013

## PROVINCE OF

## LAKE HURON, GEORGIAN BAY

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
2015	WHISKY ISLAND....	Entrance to Penetanguishene Harbour.	44 48 53	79 55 12	F. white.....	D, 7	33	11
2016	PENETANGUSHENE..	On outer end of Reformatory pier.	44 48 28	79 55 55	F. white.....	C....	17	8
2018	WESTERN ISLANDS..	On Double Top Rock..	45 2 48	80 21 31	F. white, varied by white flashes every 30 seconds.	D, 4.	74	14
2020	LONE ROCK BELL-BUOY.	300 feet from rock, Wabuno Channel.	45 9 12	80 13 55	.....	.....	.....	.....
2023	SEGUIN BANK GAS BUOY.	South end of bank....	45 19 17	80 31 37	Occ. white, bright 5 secs., eclipsed 7 secs.	D, gas	10	4
2024	RED ROCK.....	At entrance to Parry Sound.	45 21 39	80 24 50	F. white.....	C....	63	13
2026	SNUG HARBOUR RANGE.	On the westernmost Walton Island.	45 22 18	80 19 38	F. red.....	C....	39	7
2027		On S. extremity of island on N. side of entrance to harbour. 3,100 feet E. by N. $\frac{1}{4}$ N. from Walton Island light.	45 22 27	80 18 58	F. white.....	C....	62	13
2028	HOOPER ISLAND SHOAL GAS BUOY.	In 3 fathoms on 15-foot patch N. of Hooper Island.	45 19 49	80 18 37	F. white.....	D....	7	3
2029		On summit of northernmost Gordon Rock.	45 18 56	80 17 15	F. red.....	C....	40	7
2030		On S.W. point of Jones Island, 2,900 yards S.E. $\frac{1}{4}$ S. from Gordon Rock light.	45 18 08	80 15 42	F. white.....	C....	63	8

ONTARIO—Continued.

AND NORTH CHANNEL—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood.	36	1882			2015
White, square, wood.	18	1876			2016
White, octagonal, wood, iron lantern red.	59	1895	Steam horn 80 feet N.N.W. from the lighthouse, gives blasts of 8 seconds with intervals of 40 seconds.		2018
Red iron buoy surmounted by a bell.		1889	Bell rung by action of waves.	Buoy must be kept on starboard hand in going northward.	2020
Black, cylindrical, steel buoy, with "Seguin Bank" in white letters on side; surmounted by black pyramidal framework supporting a red lantern.		1898			2023
White, octagonal, wood, on pier. Tower rising from middle of dwelling roof.	44	1870 re-mov'd 1881	Hand-horn answers signals from vessels.		2024
White, square, wood.	29	1894			2026
White, square, wood, rising from roof of rectangular dwelling.	50	1894		These two in one lead in E. by N. $\frac{1}{4}$ N. south of Seguin bank through main channel to intersection with Jones Island range.	2027
Red, cylindrical steel buoy, "Hooper Island Shoal" in white letters on side, red conical slatwork cage, red lantern.		1898			2028
White, square, wood.	38	1894		Visible over an arc of 180° between S. E. by E. $\frac{1}{4}$ E., round through S., to N. W. by W. $\frac{1}{4}$ W.	2029
White, square, wood, rising from roof of rectangular dwelling.	50	1894		These two in one lead in S. E. $\frac{1}{4}$ S., from intersection with Snug Harbour range to Hooper Island shoal gas buoy, clear of Ariel Rock, Hall Reef, Telegram Rock and Hooper Island Reef, on starboard hand, and clear of Black Rock and Twin Rock, on port hand.	2030

## PROVINCE OF

## LAKE HURON, GEORGIAN BAY

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
2032	SPRUCE ISLAND SHOAL GAS BUOY.	S. extremity of shoal S. from Spruce Island.	45 19 52	80 15 48	F. white.....	D....	7	3
2033	CARLING ROCK..	Northern portion of highest part of rock.	45 20	8 80 14 27	F. white.....	D, 7..	26	7
PARRY SOUND.								
2036	DEPOT ISLAND..	On beach at western extremity.	45 19 6	80 7 10	F. red.....	D, 7..	25	10
2039	ROSE POINT SWING BRIDGE	From westernmost extremity of Rose Point to Parry Island.	45 18 57	80 2 49	F. green (bridge open), F. red (bridge closed).	.....	.....	.....
2042	POINT AU BARIL..	Front range, on S. extremity of point, close to water.	45 33 33	80 30 34	F. white.....	D, 7..	38	10
2043		Back range, on summit of island, 4,800 feet S. 70° E. from front.	.....	.....	F. red.....	C....	62	9
2046	GEREAUX ISLAND..	On S. side of entrance to Byng Inlet.	45 44 31	80 39 52	F. white.....	C....	49	12

ONTARIO—Continued.

AND NORTH CHANNEL—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Black, cylindrical, steel buoy, "Spruce Island Shoal" in white letters on side, black can-shaped slatwork cage, red lantern.		1898		Vessels entering Parry Sound will pass 200 yards south of Seguin Bank gas buoy and steer E. by N. $\frac{1}{2}$ N. for about 2 miles or until the Snug Harbour range lights come in one, bearing E. by N. $\frac{1}{2}$ N. and leading through main channel.	2032
White, square, wood, with red stripe on W. side.	27	1898		When 2 miles inside Red Rock lighthouse the Jones Island range should be brought into alignment S. E. $\frac{1}{4}$ S. and kept exactly until within 400 yards of Hooper Island shoal gas buoy, when haul gradually to bring Spruce Island shoal gas buoy ahead bearing E. $\frac{3}{4}$ S. and Hooper Island shoal gas buoy astern. Pass 50 to 100 yards south of Spruce Island shoal gas buoy and head up for the centre of Davy Island E. by N. $\frac{1}{4}$ N. Give Carling Rock a berth of 200 yards and steer for Killbear Point just open north of the north Sister Island E. $\frac{3}{4}$ S. Vessels between Red and Carling Rocks should run at half speed. When the last island is passed Depot Island light may be steered for bearing E. S. E. Depot Island and Cadotte Point should receive a berth of 100 yards in entering the harbour.	2033
White, square, wood..	28	1898		Visible over an arc of 180° from S. through E. to N.	2036
		1897		On top of swing a mast carries a 4-foot red and white ball. When bridge is open ball raised to top of mast, when closed ball is lowered. To pass bridge, steamers should stop at Sloop Island or E. point of Isabella Island and give three long whistles.	2039
White, square, wood, with kitchen attached	32	1889		Alignment shows channel between the shoals westward of the point. Outer light left on port hand on entering, and inner light left on starboard hand in passing.	2042
Red, square, steel, skeleton tower; enclosed upper part, white, wood.	51	1889 reb't 1902		Back light visible in, and over a small arc on each side of, the line of range.	2043
White, square, wood, dwelling attached.	48	1870 re-mov'd 1885	Hand horn answers signals from vessels.		2046

PROVINCE OF  
LAKE HURON, GEORGIAN BAY

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
2047		Front range, close to S. side of channel, $\frac{3}{4}$ mile N. E. by E. $\frac{1}{4}$ E. from Gereaux Island light.	45 45	5 30 38 56	F. red.....	C.....	34	8
2048	BYNG INLET.	Back range, 1,520 feet E. by N. from front.			F. red.....	C.....	60	8
2051	BUSTARD ROCKS, BACK RANGE.	On a rocky islet, $2\frac{1}{2}$ miles S. W. of entrance to French River.	45 53 25	80 57 18	F. white.....	D, 7..	48	12
2052	BUSTARD ROCKS, FRONT INNER RANGE.	229 feet N. E. $\frac{1}{4}$ E. from the last described.			F. white.....	C.....	30	6
2053	BUSTARD ROCKS, FRONT OUTER RANGE.	193 ft. W. by S. from back tower.			F. white.....	C.....	27	10
2054		On Lefroy Island, W. side of mouth of river.	45 56	8 30 54 40	F. red.....	D, 7..	15	6
2055	FRENCH RIVER...	In mill yard on E. side of river, N. 33° E., 5,178 ft. from Lefroy Island light; and 348 ft. N. 56° E. from head of creek.			F. red.....	C.....	37	6
2059	LONELY ISLAND.....	On summit of N. bluff.	45 34 27	81 28 11	F. white.....	C.....	195	20
2062	KILLARNEY EAST,...	On Red Rock Point, one mile E. of Killarney.	45 58	4 81 29 28	F. white.....	D, 7..	42	11
2065	KILLARNEY WEST...	On Partridge Island, one mile N. W. of Killarney.	45 58 57	81 32 5	F. white.....	C.....	30	10
2068	MANITOWANING.....	On the hill in the village, Manitoulin Island.	45 44 42	81 48 27	F. white.....	D, 7..	80	14
2070	STRAWBERRY ISLAND.	Northernmost point....	45 58 23	81 51 25	F. white.....	C.....	40	11
2072		South light close to shore between wharves in village.	45 58 50	81 55 42	F. red.....	D, 7..	24	6
2073	LITTLE CURRENT..	N. light on E. extremity of Spider Island, 1,350 feet N. $\frac{1}{4}$ W. from S. light.	45 59	4 31 55 50	F. white.....	C.....	40	6

ONTARIO—Continued.

AND NORTH CHANNEL—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood.	33	1890	.....	Visible in and over a small arc on each side of range.	2047
White, square, open-framed wood, lantern and top enclosed, slats below.	49	1890	.....	Alignment E. by N. leads into mouth of Byng Inlet, clear of Maganetan Ledges on S. and Burton Bank on N. with nowhere less than 4 fathoms.	2048
White, square, wood, surmounted by hexagonal red iron lantern.	37	1875 reb'lt 1893	Hand horn answers signals from vessels.	Back tower is also to be used as a coast light. It is visible from all points of approach except over the dangerous rocks and shoals to the N. eastward and eastward. The inner range leads in from a point just clear of the N. Bustard Rock to the intersection with this range of the French River range. The outer range leads in from deep water, clear of Isabel rock on the north, and of all the shoals southwest of Bustard Rocks on the south.	2051
White, square, wood, surmounted by square red wooden lantern.	28	1875 reb'lt 1893	.....		2052
White, square, wood, surmounted by square red wooden lantern.	28	1893	.....		2053
White, square, wood, open framework.	13	1875	.....		2054
White, square, wood, surmounted by square red wooden lantern.	33	1875 reb'lt 1893	.....	Visible from all points of approach by water. Leads in from its intersection with the inner Bustard Range to Lefroy Island, clear of all obstructions.	2055
White, square, wood, dwelling attached.	42	1870	Hand horn answers signals from vessels.	To the S. the light is obscured by the land between N.N.W. $\frac{1}{2}$ W. and N.E. by E.	2059
White, square, wood.	20	1866	Hand horn answers signals from vessels.	At N. side of channel leading into Killarney Harbour from the eastward.	2062
White, square, wood.	20	1866	.....		2065
White, square, wood, iron lantern red.	38	1885	.....		2068
White, square, wood, with dwelling attached.	44	1881	Hand horn answers signals from vessels.		2070
White, with lantern red, square, wood.	23	1866	.....		2072
White, with lantern red, square, wood.	43	1866	.....	Vessels from eastward will pass close to the wharves, keeping the line of the lights between them and giving the N. light a berth of 150 feet.	2073

## PROVINCE OF

## LAKE HURON, GEORGIAN BAY

No.	Name.	Location	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
2075	NARROW ISLAND....	On west end . . . . .	45 59 26	81 58 50	F. white with red sector.	D, 7..	36	11
2079	CLAPPERTON ISLAND.	N. point . . . . .	46 3 14	82 14 25	F. white.....	C....	30	10
2082	KAGAWONG . . . . .	At foot of Mudge Bay, 75 feet back from shore and 100 feet westward of dock.	45 54 31	82 15 45	F. white . . . . .	C....	38	11
2083	BOYD ISLAND.....	On small rock, near Boyd Island, $1\frac{1}{2}$ mile S. E. $\frac{1}{4}$ E. from Spanish River Lumber Co's Mill on Aird Island.	46 7 26	82 20 22	F. red. . . . .	D, 7..	41	6
2086	GORE BAY.....	On Janet Head . . . . .	45 56 40	82 28 58	F. white.....	D, 7..	43	11
2089	CAPE ROBERT.....	On the northern extremity of the Cape.	45 59 45	82 48 40	F. white.....	D, 7..	46	12
2091		On sand beach E. of wharves.	46 10 54	82 57 19	F. red, electric....	C...	16	6
2092	BLIND RIVER RANGE.	Back light 730 feet N. 24° W. from front light.			F. red, electric....	C....	27	6
2093	BLIND RIVER WHARF	On outer end of E. wharf.			F. white, electric..	C....		
2095	MISSISSAGI ISLAND.	On S. end of Island....	46 6 23	83 0 31	Rev. white.....	C....	53	12
	MISSISSAGI STRAIT.	See above No. 1964.						
2097	TOLSMVILLE.....	On outer end of government wharf.	45 57 36	83 19 6	F. white . . . . .	D, p..	20	9
2099	SULPHUR ISLAND....	S. end of Island. . . .	46 8 40	83 36 30	F. white.....	D, 7..	45	12
2100	THESSALON.....	60 feet from extremity of Thessalon Point.	46 14 12	83 34 4	F. white.....	C....	30	10

ONTARIO—Continued.

AND NORTH CHANNEL—Concluded.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, rectangular, wood; white, octagonal, wooden lantern on west end of roof.	37	1890 reb't 1902	Hand horn answers signals from vessels.	Visible from all points of approach by water. Red sector over an arc of 17° between S. 83° E. through E. to N. 80° E. This sector covers Foster bank and shoals in its neighbourhood, and indicates shoals extending westward from head of Narrow Island.	2075
White, square, wood..	35	1866	Hand horn answers signals from vessels.		2079
White, square, wood, with red lantern.	27	1888 ch'ged 1894			2082
White, square, wood..	39	1885			2083
White, square, wood, dwelling attached.	40	1879	Hand horn answers signals from vessels.	Visible from all points seaward....	2086
White, square, wood, dwelling attached.	41	1885		Visible from all points seaward....	2089
Lantern on a mast....	15	1900			2091
Lantern on a pole near Michigan Land and Lumber Co.'s office.		1900		The two lights in one, bearing N. 24° W., lead into Blind River, clear of all shoals, 11½ feet water everywhere.	2092
Lantern on a pole....		1900		Maintained by Michigan Land and Lumber Co. As soon as light bears N. W. vessels can head for wharves inside Susanne Island, 10½ ft. water at wharf head.	2093
White, square, wood, dwelling attached.	50	1884		Visible except between the bearings of S. E. ¼ S. and S.S.W. ¼ W. where it is obscured by trees on northerly part of island.	2095
Lantern on a stand....	12	1903		Visible from all points of approach by water.	2097
White, square, wood..	20	1869			2099
White, square, wood. Lantern rising from middle of roof of dwelling.	30	1898	Hand horn answers signals from vessels.		2100

## PROVINCE OF

## RIVER ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
2103	BRUCE MINES.....	On outer end of Government wharf.	46 17 47	83 47 24	F. white.....	D, 7..	12	5
2105	NORTH SISTER ROCK.	E. side of channel.....	46 18 16	83 54 44	F. white.....	D, 7..	35	11
2107	BAMFORD ISLAND...	On E. extremity of Island, $\frac{1}{2}$ mile S. W. of Wilson channel.	46 19 6	83 59 35	F. white.....	D, 7..	32	10
2110	RICHARDS LANDING.	On the wharf.....	46 17 44	84 2 12	F. white.....	C....	16	3
2112	SHOAL ISLAND.....	On N. extremity S. side of channel.	46 18 51	84 4 30	F. white.....	D, 7..	32	11
	FRYING PAN ISLAND.	U. S. Lights.						
	PIPE ISLAND.....							
	SWEETS POINT.....							
	ROUND ISLAND.....							
	POINTE AUX FRÈNES GAS BUOY.							
	PILOT ISLAND RANGE							
	MUD LAKE.....							
	WINTER PT. RANGE.							
	RAINS ISL. FLOAT LIGHT.							
	ENCAMPMENT CRIB..							
	JOHNSONS POINT FLOAT LIGHT.							
	RAINS DOCK GAS BUOY.							
	RAINS ISLAND SHOAL FLOAT LIGHT.							
2118		On shore north of wharf.	46 15 0	84 5 20	F. red.....	D. p..	21	2
2119	RAINS WHARF RANGE.	436 ft. S.E. $\frac{1}{4}$ E. from front light.			F. red.....	D. p..	26	2

ONTARIO—Continued.

MARY.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Lantern on S.E. corner of warehouse.		Mov'd 1902		Visible from all points of approach by water.	2103
White, hexagonal, wood on a pier.	30	1885			2105
White, square, wood, dwelling attached.	34	1885	Hand horn answers signals from vessels.		2107
Square tubular lantern on southeasterly corner of warehouse.		1901		Visible from all points of approach.	2110
White, square, wood, dwelling attached.	34	1885			2112
Lantern on a mast.....	15	1892		This range is in the same alignment as the Point of Woods (U.S.) Range, and guides vessels going down stream through Dark Hole passage, S.E. ¼ E., from its intersection with the alignment of the U.S. Dark Hole Range, to its intersection with the Pilot Island and Rains Hill Ranges.	2118
Lantern on a mast.....	22	1892			2119

PROVINCE OF

RIVER ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
2120	SAILORS ENCAMPMENT	On Rains Hill, St. Joseph Island.	46 15 43	84 5 47	F. white. . . . .	C . . . .	50	5
2121					648 feet, N. by E. $\frac{1}{2}$ E., from front light.	F. white. . . . .	C . . . .	70
2125	STRIBLING POINT RANGE.	On point on northwestern end of St. Joseph Island.	46 18 49	84 6 39	F. white. . . . .	D, 7. . . .	30	3
2126					On hillside 1,447 feet S. 65° 48' E. from front.	F. white. . . . .	C . . . .	53
	DARK HOLE RANGE.							
	DARK HOLE GAS BUOY.							
	COYLE POINT GAS BUOY.							
	POINT OF WOODS RANGE.							
	HEN AND CHICKENS (NEEBISH ISLAND) RANGE.	U. S. Lights.						
	STRIBLING POINT GAS BUOY.							
	HAY LAKE CHANNEL ENTRANCE GAS BUOY.							
	HARWOOD POINT RANGE.							
29 United States lights in Hay Lake Channel between this point and the Sault.								
For North Channel lights, read upwards from No. 2112.								
	EASTNEEBISH RANGE	United States lights.						
	INDIAN POINT RANGE							
2129	EAST NEEBISH, UPPER RANGE.	On east shore, 159 feet from shore in line of Range.	46 21 32	84 7 0	F. red. . . . .	D. p. . . .	34	2
2130					302 feet N. $\frac{1}{2}$ E. from front light.	F. red . . . . .	D. p. . . .	42
	DUCK ISLAND RANGE	United States lights.						
18 other United States lights between this point and junction with upper end of Hay Lake Channel.								

ONTARIO—Continued.

MARY—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Lantern on a mast. White diamond-shaped day beacon at foot, with vertical black stripe.	17	1892 mov'd 1900	.....	Ascending, the lights kept in one ahead, N. by E. $\frac{1}{2}$ E., indicate middle of dredged channel from Mud Lake turning gas buoy to alignment of Point of Woods range.	2120
Lantern on a mast. White diamond-shaped day beacon at foot.	22	1892 mov'd 1900	.....		2121
White, square, wood..	33	1900 Tower 1902	.....	Front light visible from all points of approach by water. Back light visible in the line of range.	2125
White, square, wood; white, octagonal, wooden lantern.	23	1900 Tower 1902	.....	The lights in one, bearing S. 65° 48' E., lead through centre of Middle Neebish dredged channel from the intersection of their alignment with alignment of lower Hay Lake range to the intersection of their alignment with alignment of Harwood Point range.	2126
Lantern on a mast .....	17	1892	.....	These two lights in one, N. $\frac{1}{2}$ E. show the same alignment as the East Neebish (U.S.) range, and are intended to guide vessels going up the river through the upper reach of East Neebish from the intersection of the alignment with Indian Point (U.S.) range till abreast of Indian Point, whence a N.N.W. course will lead up the middle of the river, clear of all obstructions, to the intersection with Duck Island (U.S.) range.	2129
Lantern on a mast ...	22	1892	.....		2130

## PROVINCE OF

## RIVER ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
2140	LOWER TURNING BUOY.	Near black buoy at turn from canal into river.			F. white.....		6	2
2142	CANADIAN CANAL LOWER ENTRANCE	On mainland near shore	46 30 54	84 20	8 F. red, electric.....		59	3
2143		980 feet N. W. $\frac{3}{4}$ N. from front light.			F. red, electric.....		74	3
2148	CANADIAN CANAL, UPPER ENTRANCE RANGE.	On cribwork beacon at turn in approach to canal.	46 30 39	84 21 43	F. red, electric....	C....	39	4
2149		On E. extremity of Daignon Pt., 2,100 feet N.E. $\frac{1}{2}$ E. from front light.			F. red, electric....	C....	61	2
2151	UPPER TURNING BUOY.	On southern edge of dredged curve, opposite beacon.			F. white.....		6	2
2152	VIDAL SHOAL BUOY.	Extremity of Vidal shoal.			F. red.....		8	2
2154	FOOTES DOCK.....	At shore end of dock, near the bank of the river.	46 28 29	84 27 9	F. red.....	D, 7..	24	5
2156	POINTE AUX PINS RANGE.	Front light on N. extremity of point, 1,200 feet N. 7° E. from main light.	46 28 5	84 27 41	F. white.....	C....	28	4
2157		Back light, 920 feet S. 54 $\frac{1}{2}$ ° W. from front light.			F. white.....	C....	53	4
2158	POINTE AUX PINS MAIN LIGHT.	On outer end of low sand point.	46 27 52	84 27 43	F. white.....	C and D, p.	30	10

\*NOTE.—The Canadian canal and its cribwork approaches are illuminated by two rows of arc lights, one all the others being white.  
The United States canal and channels leading to it are marked by numerous lights and gas

ONTARIO—Continued.

MARY—Concluded.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Lantern on superstructure of a platform buoy.	6	1899	.....	To show turn at lower entrance of canal.	2140
Lantern on a mast, with white diamond-shaped day mark.	55	1896	.....	The two lights in one lead from the American channel up the middle of the dredged approach between the red and black buoys to the piers at the E. end of canal.	2142
Lantern on a mast, with white diamond-shaped day mark.	67	1896	.....		2143
Wooden lantern on top of crib.	.....	1896	.....	The two lights in one lead in from the American channel past Vidal Shoal, between the red and black buoys, to the turn at the front light.	2148
White, square, wood, open frame.	65	1896	.....		2149
Lantern on a float.....	.....	1898	.....	To show turn at upper entrance of canal.	2151
Lantern on superstructure of red platform buoy.	.....	1898	.....	To mark outer edge of Vidal shoal.	2152
Lantern on a mast on end of freight shed on wharf.	20	1890	.....	.....	2154
White, square, wood..	31	1903	.....	Lights visible in the line of range. Lights in one, bearing S. 54 $\frac{1}{2}$ W. lead up from intersection of their alignment with the alignment of the Vidal Shoals Channel (American) range to a point abreast of Footes Dock light.	2156
White, square, wood..	56	1903	.....		2157
White, square, wood..	23	1873	.....	Visible from all points of approach by water.	2158

on each side of the canal. The most easterly and the most westerly lights in each row are green lights, buoys. These are not enumerated, to prevent confusion.

## PROVINCE OF

## LAKE

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
2160	PANCAKE SHOAL BELL BUOY.	In 5 fathoms off the S. W. edge of the shoal.	46 54 30	84 47 45	.....	.....	.....	.....
2162	CORBAY POINT.....	Batchawana Bay ..	46 53 35	84 36 5	F. white.....	D, 7..	77	16
2164	COPPERMINE POINT..	On N. W. extremity of point.	46 59 3	84 47 5	F. white.....	D, 7..	46	12
2166	GARGANTUA.....	On summit of small island, at entrance of harbour.	47 33 30	84 57 40	F. white.....	D, 7..	85	15
2169	MICHIPICOTEN HARBOUR.	On S. E. extremity of Little Gros Cap.	47 56 20	84 54 30	F. white.....	D, 7..	70	14
2170	CARIBOU ISLAND....	On a small island S. W. of Caribou Island.	47 20 23	85 49 32	Rev. white, 10 seconds.	C.....	76	15
2173	MICHIPICOTEN ISLAND.	On headland E. side entrance to Quebec Harbour.	47 42 10	85 46 0	F. white.....	C... ..	56	15
2174	AGATE ISLAND. ....	In Quebec Harbour, Michipicoten Island.	47 42 30	85 47 0	F. white.....	C.....	32	10
2177	OTTER ISLAND.....	On N. W. extremity of island.	48 6 15	86 3 10	F. white, temporarily.	D, 7..	97	10
2179	PENINSULA HARBOUR	S. end of island at entrance.	48 42 5	86 22 15	Rev. white, $\frac{1}{2}$ minute.	C.....	105	16
2181	SLATE ISLANDS.....	On summit of hill (S. side of Sunday Harbour), on S. extremity of the S. Slate Island.	48 36 50	86 58 0	F. white, temporarily.	D, 7..	224	10
2182	BATTLE ISLAND. ....	On S. W. point of island, E. entrance to Nepigon Bay.	48 45 0	87 33 40	Alt. red and white, $1\frac{1}{2}$ minutes.	C.....	105	16
2185	LAMB ISLAND.....	Western entrance to Nepigon Bay.	48 36 25	88 9 10	F. white.....	C.....	90	15
2187	PORPHYRY POINT....	Entrance to Black Bay, Edward Island, Algoma.	48 20 40	88 36 10	F. white.....	C.....	56	13

ONTARIO—Continued.

SUPERIOR.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Red iron buoy surmounted by a bell.	.....	1894	Bell rung by action of the waves.	.....	2160
White, octagonal, wood, with dwelling attached.	63	1873	Hand horn answers signals from vessels.	.....	2162
Lantern on top of white, open-framed, square, pyramidal, wooden tower.	12	1901	.....	Visible from all points of approach.	2164
White, with iron lantern red, hexagonal, wood.	43	1889	Hand horn answers signals from vessels.	To enter Gargantua harbour keep the light on the port side.	2166
Lantern rising from roof of white, square, wooden building.	31	1902	.....	Visible from all points of approach by water, but not visible from wharves in harbour.	2169
White, octagonal, wood, red lantern, dwelling attached. Fog-alarm building white, with brown roof.	80	1886	Steam horn sounds blasts of five seconds, with intervals of 25 seconds.	Fog horn 100 feet S. of light. ....	2170
White, square, wood..	32	1872	.....	.....	2173
White, square, wood..	20	1872	.....	.....	2174
White, octagonal, wood; red, polygonal, iron lantern.	36	1903	.....	Visible from all points of approach by water.	2177
White, square, wood, with dwelling attached. Iron lantern, red.	56	1891	Hand horn answers signals from vessels.	Vessels entering harbour leave light $\frac{1}{2}$ mile on port hand. There is good water throughout entrance.	2179
White, octagonal, wood; red, polygonal, iron lantern.	36	1903	.....	Visible from all points of approach by water.	2181
White, square, wood; dwelling 300 feet northeasterly from lighthouse.	36	1877	Hand horn answers signals from vessels.	Strangers can enter Sunday Harbour by keeping the coast of the island close on board from a point about a mile west of the lighthouse.	2182
White, square, wood, dwelling attached.	46	1877	Hand horn answers signals from vessels.	.....	2185
White, square, wood..	36	1873	.....	.....	2187

## PROVINCE OF

## LAKE

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
2189	SILVER ISLET ...	Front light on wharf (near its southwestern end) on mainland, inside Burnt Island.	48 20 27	88 48 17	F. white.....	.....	10	2
2190		Back light on the wharf, 116 feet N. 50° E. from front light.	.....	.....	F. white .....	.....	16	2
2192	THUNDER CAPE.....	Entrance to Thunder Bay.	48 18 23	88 56 40	Rev. white, 1 minute.	C...	45	12
2194	FORT WILLIAM LIGHT BUOY.	In 23 feet water, on outer end of northern edge of dredged channel at mouth of Kamistikwia River.	48 24 0	89 11 40	F. white.....	D, p...	9	5
2195	KAMINISTIKWIA...	On N. shore of river, near Fort William.	48 23 30	89 13 25	F. red.....	C...	40	8
2196		879 feet E.N.E. from above.	.....	.....	F. red.....	C...	30	7
2199	PORT ARTHUR.....	On cribwork block, 31 feet from S. end of northerly breakwater.	48 25 50	89 13 20	F. red.....	C...	43	7
2201	PIE ISLAND.....	400 ft. S.W. from wharf, W. extremity of island, W. entrance of Thunder Bay.	48 13 33	89 10 30	F. white .....	D, 7...	29	10
2204	VICTORIA ISLAND...	Near the western end of the island	48 5 0	89 21 30	F. white.....	D, 7...	89	15

ONTARIO—Continued.

SUPERIOR—Concluded.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Lantern on a post.....	12	1869	.....	Not under Marine Department. Lights visible in the line of range. Lights in one bearing N. 50° E. lead to the wharf from the south- westward between the shoals off Burnt Island and Catholic Church Point.	2189
Lantern on a post.....	18	1869	.....		2190
White, square, wood, dwelling attached. Fog-alarm building white, with brown roof.	28	1874	Steam horn sounds blasts of five seconds, with in- tervals of 25 seconds.	.....	2192
Red, wooden, platform buoy, surmounted by red, octagonal, wooden, slatwork pyramid supporting a lantern.	.....	1903	.....	Visible from all points of approach.	2194
White, square, wood, dwelling attached. Lantern red.	40	1873 reb'lt 1895	.....	These two lights in one lead through the dredged channel at mouth of river.	2195
White, square, wood. Lantern red.	30	1873 reb'lt 1895	.....		2196
White, square, wood..	36	1882 mov'd 1887	Hand horn answers signals from vessels.	.....	2199
White, square, wood. Lantern red.	23	1895	Hand horn answers signals from vessels.	.....	2201
White, square, wood, with red iron lantern; white wooden build- ings on low ground, S. and W. of light.	30	1881 build- ings erec'd 1887	Hand horn answers signals from vessels.	.....	2204

## PROVINCE OF ONTARIO—

## LAKE

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark	Miles seen in clear weather.
2207	FOX ISLAND.....	.....	44 18	079 27 15	F. white.....	C...	46	12

## MUSKOKA

2210	GRAVENHURST NARROWS.	On S.E. point of Denison Island, Lake Muskoka.	44 58 20	79 22 25	F. white.....	D, p..	28	10
2213	ROSSEAU.....	On Ditchburn Shoal near head of Lake Rosseau, about a mile southerly from wharf.	45 13 35	79 35 45	F. white.....	D, p.	28	8

## LAKE

2217	SOUTH EAST BAY....	On S. side of entrance.	46 7 35	79 22 40	F. white.....	D, p..	30	10
2219	SOUTH RIVER.....	On point near tannery, on W. side of mouth.	46 3 40	79 32 30	F. white.....	D, p..	28	10

## LAKE OF

2222	BISHOPS BAY. ....	Front range on small island about 200 feet N. of N.E. extremity of Royal Island.	49 27 53	94 45 35	F. white.....	D, 7..	17	5
2223		Back range on N. shore of Royal Island.	.....	.....	F. white.....	C.....	26	5
2225	SQUAW ISLAND.....	On island W. of S. point of island 37B.	49 17 48	94 49 10	F. white.....	D, p..	33	11
2227	FERRIS ISLAND....	Off extreme West point of Bigsby Island.	49 3 6	94 39 25	F. white.....	D, 7..	36	11
2229	TOMAHAWK ISLAND..	On island off McAuley Bay.	49 1 38	94 30 35	F. white.....	D, p..	35	11
2231	RAINY RIVER BELL BUOY.	.....	.....	.....	.....	.....	.....	.....
2232	RAINY RIVER....	Off S. extreme of Sable Island.	48 52 42	94 44 24	F. white.....	D, 7..	32	10
2233		800 feet S.E. by S. from front light.	.....	.....	F. red.....	C.....	40	7

MINOR INLAND WATERS.

SIMCOE.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Brown, square, wood..	39	1870	.....	.....	2207

LAKES.

Lantern on a mast with brown shed at base.	25	1884	.....	.....	2210
White, square, wood, iron lantern red, standing on a cribwork pier.	26	1890	.....	Visible from all points of approach.	2213

NIPISSING.

White, with red roof, square, wood, on cribwork pier.	21	1887	.....	.....	2217
Lantern on a mast, with white shed at base.	25	1887	.....	To guide to mouth of river, past shoals that extend N. and E. from mouth.	2219

THE WOODS.

White, square, wood..	20	1897	.....	The two lights in one S. 30° E. lead through Bishops Bay from Bishops Point to the small islands N.E. of Royal Island clear of shoals.	2222
White, square, wood..	28	1897	.....		2223
White, square, wood..	33	1900	.....	Visible all round the horizon .....	2225
White, square, wood..	28	1897	.....	.....	2227
White, square, wood..	33	1901	.....	Visible around the whole horizon...	2229
Black, steel buoy, surmounted by a bell.	.....	1902	Bell rung by action of the waves.	Maintained by Rat Portage and Keewatin Lumber Companies. Marks end of shoal off sand hills at mouth of river.	2231
White, square, wood, on cribwork pier.	30	1886 mov'd 1895	.....	The two lights in one lead to the mouth of Rainy River, the channel into which is marked by buoys.	2232
White, square, skeleton framed, wooden, on cribwork pier; alignment side slatted, top enclosed.	36	1895 mov'd 1899	.....		2233

## PROVINCE OF

## LAKE

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water marks.	Miles seen in clear weather
2240	MOUTH OF RED RIVER RANGE.	Main tower on pile foundation on E. side of channel.	50 23 24	96 46 23	F. white.....	C.....	45	12
2241		On W. side of channel 3,600 ft. N. 1° 15' W. from back tower.			F. white.....	C.....	23	10
2243	GULL HARBOUR.....	Northeast end of Big Island, east end of south entrance point of harbour.	51 11 18	96 35 48	F. white.. .. .	D, 7..	26	10
2245	BLACK BEAR ISLAND.	On east end of island..	51 46 54	96 53 20	F. white. ....	D, 7..	38	11
2246	PLUNKETT ISLAND..	W. end of island off S. side of Berens Island.	52 14 48	97 18 18	F. white.....	D, 7..	42	11

*Tower. Unused station to be abandoned*

*Same number assigned to new station*

*Co's Reg. L. 10/1/1909*

MANITOBA.

WINNIPEG.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, with vertical red stripe on side facing the channel. Lantern red.	45	1895	.....		2240
White, square, wood. Upper part closed, lower part open.	30	1895	.....	The two lights in one lead to the entrance of the curved channel, which is marked by beacons.	2241
White, square, wood ...	27	1898	.....	Visible from all points of approach by water.	2243
White, square, wood ...	27	1898	.....	Visible from all points of approach by water.	2245
White, square, wood, upper part closed, lower part open.	35	1884	.....	Visible from all points of approach.	2246

## PROVINCE OF

## KOOTENAY

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
2251	PROCTER . . . . .	Entrance to West Arm of Kootenay Lake.	49 35	0 117 0 0	F. white . . . . .	D, 7 . . . . .	20	5
2252	PILOT BAY . . . . .	Lighthouse to be built.						
2253	KASLO . . . . .	End of spit, Kootenay Lake.	49 55	0 117 0 0	F. white . . . . .	Electric.	21	4

## PACIFIC COAST

2263	CAPE BEALE . . . . .	S.E. point of entrance to Barkley Sound on W. coast of Vancouver Island.	48 47 30	125 13 16	Rev. white, 30 seconds. Red sector between bearings of E. and S.S.E.	C . . . . .	178	19
2265	CARMANAH . . . . .	On point 2 miles W. by N. $\frac{1}{2}$ N. from Bonilla Point.	48 36 25	124 45 55	Gp. rev. white, white flashes, 30 seconds, eclipse 30 seconds, complete revolution 1 minute.	C . . . . .	173	19
2268	RACE ROCKS . . . . .	In Strait of Juan de Fuca.	48 17 36	123 32 15	Fl. white 10 seconds	D, 2 . . . . .	118	18
2269	WILLIAM HEAD QUARANTINE STATION.	Extreme of William Head, 90 feet from high water mark.	48 20 23	123 31 45	F. red . . . . .		30	4
2270		30 feet S. by W. $\frac{1}{2}$ W. from front light.			F. red . . . . .		36	4
	CAPE FLATTERY . . . . .	U.S. light.						
2272	FISGARD . . . . .	On a rock, at western entrance to Esquimalt Harbour.	48 25 43	123 27 15	F., see remarks . . . . .	D, 4 . . . . .	67	12

BRITISH COLUMBIA.

LAKE (Inland Navigation.)

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Lantern on mast, white wooden shed with red roof at base.	25	1895	.....	.....	2251 2252
Light on pole. ....	20	1897	.....	.....	2253

NAVIGATION.

White, square, wood, with dwelling attached.	42	1874	.....	Visible from east round by N. to W. by N. $\frac{1}{2}$ N. The light should not be brought to bear to the northward of E. $\frac{1}{2}$ N., as there is foul ground to the northward of the N. limit of the light. The red sector shows over dangers in Barkley Sound. Entrance to Sound should not be attempted without local knowledge or a pilot.	2263
White, square, wood, red iron lantern, with white dwelling attached. Fog-alarm building in front of and below tower.	46	1891	Steam horn gives blasts of 6 seconds in every 30 seconds. A whistle also used to communicate with vessels by private code.	Strangers may communicate with station by whistle sounds, using Morse or Continental Code.	2265
Alternate black and white horizontal bands, circular, stone; dwelling attached.	105	1861	12-inch whistle sounds blasts of 5 seconds, with intervals of 1 minute and 12 seconds.	Four short blasts of whistle in answer to vessel's signal will indicate northern portion of strait clear of fog. Should not be approached within one mile, to clear Rosedale Reef.	2268
Lantern on mast. ....		1898	.....	Maintained by Department of Agriculture.	2269
Lantern on mast. ....		1898	.....	Entering quarantine, proceed northward until the two mast lights are abaft the beam, then proceed westwardly until they are in one which will define the limit of the quarantine anchorage.	2270
White circular, brick. Red brick dwelling attached.	56	1861	.....	Shows white in fair way between bearings N. $\frac{1}{4}$ W. and N. W. by W. $\frac{1}{4}$ W. and clears all offlying dangers. Shows red from N. W. by W. $\frac{1}{4}$ W. to S. $\frac{1}{4}$ E. in Esquimalt harbour, and to vessels bound for Victoria or Esquimalt from the eastward after rounding Trial Island, it will indicate their distance from shore. If bound to Esquimalt a W. S. W. course leads outside of Brotchy Ledge until the light changes from red to white, when it may be steered for, not before. A white ray is shown to the westward of S. $\frac{1}{4}$ E. into Esquimalt harbour.	2272

PROVINCE OF  
PACIFIC COAST

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
2275	BROTCHY LEDGE BEACON.	Off entrance to Victoria Harbour.	48 24 20	123 23 40	Occ. white, visible 40 secs., eclipsed 20 secs.	D, p, electric,	22	9
2277	BERENS ISLAND.....	Western entrance to Victoria Harbour.	48 25 22	123 24 0	Occ. white with red sector, visible 15 seconds, eclipsed 5 secs.	D, 6..	44	10
2278	SHOAL POINT BEACON	Outer end of spit off the point, in Victoria Harbour.	48 25 24	123 23 40	F. red .....	D, p..	5	3
2279	MIDDLE ROCK BEACON.	In Victoria Harbour..	48 25 22	123 23 20	F. white.....	D.....	8	3
2282	FIDDLE REEF.....	On reef.....	48 25 39	123 17 26	F. white with red sectors over foul ground on western side of channels approaching the light.	D, 7..	30	10
2284	DISCOVERY ISLAND..	On eastern extremity of Island in the Strait of Haro.	48 25 20	123 13 42	F. white.....	D, 6..	91	15
	TURN POINT.....	U.S. light.						
2286	DOCK ISLAND..	On E. end of northerly islet of Little Group, Sidney Channel.	48 40 30	123 21 44	F. white.....	D, p..	40	10
2289	SATURNA ISLAND....	On East point.....	48 47 0	123 3 2	Rev. white, 30 seconds.	C.....	125	17
	PATOS ISLAND ...	U.S. light.						
2291	PORTLOCK POINT....	On N.E. extremity of Prevost Island, Trincomali Channel.	48 49 50	123 21 30	F. white with red sector over Enterprise Reef.	D, 7..	72	10
2293	ACTIVE PASS.....	On Georgina Point, Mayne Island, Strait of Georgia.	48 52 25	123 17 50	F. white .....	D, 6..	55	12
2295	BARE POINT.....	On extremity of Point, Chemainus Bay.	48 56 0	123 42 10	F. white .....	D, 7..	36	13

BRITISH COLUMBIA—Continued.

NAVIGATION—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Black, steel-sheathed, conical beacon; black, steel, open framework top.	.....	1900	Electric horn gives blasts of 20 seconds with intervals of 40 seconds. Cannot be operated between sunrise and sunset on Sundays.	Visible from all points of approach. Light must not be depended on. In event of failure of supply of electricity temporarily, oil light will be shown.	2275
White, square, wood, dwelling attached. Bell tower on seaward side.	30	1876	Bell rung by hand answers vessels' signals.	Light bears from Brotsky Ledge buoy N. N. W. $\frac{1}{2}$ W. Shows red over Brotsky Ledge.	2277
Hand lantern attached to cluster of 3 piles, forming beacon.	.....	1889 ch'ged 1894	.....	In storms dependence must not be placed on this light.	2278
Hand lantern attached to cluster of 3 piles, forming beacon.	.....	1891 ch'ged 1894	.....	In storms dependence must not be placed on this light.	2279
White, square, wood, on concrete pier.	30	1898	.....	Shows fixed red over 45° 30' between S. by W. $\frac{1}{4}$ W. through S. to S. S. E. $\frac{1}{4}$ E. and over 48° 30' between N. $\frac{1}{4}$ W. and N. E. $\frac{1}{4}$ N., remainder of circle fixed white. When the light changes from red to white the fairway is open, and the white light must be kept open. The red sectors do not cover Thames shoal nor the 2 $\frac{1}{2}$ -fathom patch on Five-fathom shoal.	2282
White, square, wood, dwelling attached. Fog-alarm building, wood, white, with brown roof.	47	1886	Steam horn gives blasts of 8 seconds, with intervals of one minute between them.	Visible from S. E. $\frac{1}{4}$ S. round by S. W. and N. to N. E. by N. $\frac{1}{4}$ N. Steam fog horn established 1890, 300 feet S. Eastwardly of light, 45 feet above high water mark.	2284
Lantern on small, white, square, wooden tower, on white, wooden framework.	.....	1903	.....	Visible from all points of approach by water. Light must not be depended on.	2286
White, square, wood, with dwelling attached. Iron lantern red.	58	1888	.....	Visible from N. E. $\frac{1}{4}$ N. round by W. to S. E. by E. $\frac{1}{4}$ E. Light should not be approached from N. or W. within 1 $\frac{1}{2}$ miles.	2289
White, square, wood, kitchen attached. Lantern red.	48	1895	Bell on low point 900 feet S. E. of light gives a stroke every 15 seconds.	.....	2291
White, square, wood, with dwelling attached. White fog-alarm building with brown roof and white tank house near by.	42	1885	Fog horn established 1893, gives blasts of 10 seconds' duration, with intervals of 50 seconds.	Coast light, and indicates the eastern entrance to Active Pass. Visible from W. $\frac{1}{4}$ S. round by S. and E. to N. E. $\frac{1}{4}$ N. Light in sight clears dangers between Active Pass and East Point.	2293
White, square, wooden dwelling, with lantern on roof.	30	1897	.....	.....	2295

## PROVINCE OF

## PACIFIC COAST

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
2297	PORTIER PASS	Front light on Race Point, Galiano Island.	49 0 57	123 35 2	F. white.....	C.....	21	9
2298		Back light on Virago Point, 1,200 feet S. 5° E. from front light.			F. white.....	D, 7.....	32	10
2300	WALKER ROCK	Trincomali channel....	48 55 28	123 29 40	F. white.....	D, p.....	15	8
2303	MIAMI REEF	On wreck of steamer off N. end of White Rock, Stuart Channel.	49 2 36	123 42 19	F. white.....	D, p.....	19	9
2306	COFFIN INLET	On islet at N. side of entrance to Oyster Harbour, Stuart Channel.	48 59 20	123 44 52	F. white.....	D, p.....	29	10
2308	FRASER RIVER	On S.W. end of Sturgeon Bank, old North Sand Heads, about 1½ miles southeasterly of present entrance to main channel.	49 5 0	123 17 10	F. white.....	D, 3.....	52	12
2309	SAND HEADS BELL-BUOY.	In 17 fathoms ¼ of a mile S.W. ¾ S. from first black buoy.	49 6 55	123 18 18				
2310	FRASER RIVER MOUTH, NORTH DAM.	S.W. end of dam on N. side of main channel, 1½ miles S. 72° 51' W. from Garry Point light.	49 7 27	123 13 41	F. white..... (See remarks).	D, p.....	22	9
2311	FRASER RIVER MOUTH, SOUTH CURVE.	On S. side of main channel, 2 miles S. 16° W. from North Dam light.	49 5 51	123 15 33	F. white..... (See remarks).	D, p.....	22	9
2313	GARRY POINT	On platform of tide gauge.	49 7 18	123 11 12	F. red.....	D, 7.....	22	6
2315	POINT ATKINSON	N. point of entrance to English Bay and Burrard Inlet.	49 19 42	123 15 54	Rev. white, one minute.	C.....	96	15

BRITISH COLUMBIA—Continued.

NAVIGATION—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood; red, octagonal, wooden lantern.	24	1902	.....	Visible in the line of range .....	2297
White, square, wood; lantern red.	31	1902	.....	Visible from all points of approach by water.	2298
Lantern on small, white, square, wooden tower, on stone beacon.	...	1900	.....	Visible from all points of approach by water.	2300
Lantern on small, white, square, wooden tower on wooden framework on bow of wreck.	.....	1903	.....	Visible from all points of approach by water. Light must not be depended on.	2303
Lantern on small, white, square, wooden tower on white, wooden framework.	.....	1903	.....	Visible from all points of approach by water. Light must not be depended on.	2306
White, hexagonal, wooden tower on iron pile foundation.	49	1866 lighthouse built 1884	Fog bell attached to the tower, gives a stroke every 20 seconds.	From the light No. 1 black buoy at entrance to river bears N.W. $\frac{1}{2}$ N. $1\frac{1}{2}$ miles.	2308
Red iron buoy, surmounted by staff and globe.	.....	1892	Bell rung by motion of buoy on waves.	.....	2309
Lantern on small, white, square, wooden tower on platform supported on piles.	8	1903	.....	Visible from all points of approach by water. Light must not be depended on. Light shown will be fixed red in July, August and September.	2310
Lantern, on small, white, square, wooden tower on platform supported on piles.	8	1903	.....	Visible from all points of approach by water. Light must not be depended on. Light shown will be fixed red in July, August and September.	2311
Lantern on tide gauge platform.	.....	1898	.....	Used by light draft fishing vessels..	2313
White, square, wood, dwelling attached.	41	1875	Steam horn 300 feet from lighthouse, established 1889, sounds blasts of 8 seconds, with intervals of 1 minute between them.	Visible from the entrance to Burrard Inlet to an E. by N. $\frac{1}{2}$ N. bearing. Should not be brought to bear to westward of N. by vessels in the Strait, as this bearing will only lead clear of Sturgeon Bank, off Fraser River.	2315

PROVINCE OF  
PACIFIC COAST

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
2316	PROSPECT POINT....	Under bluff at Prospect Point, First Narrows, Burrard Inlet.	49 18 34	123 8 0	F. white.....	D, 7..	28	10
2317	BROCKTON POINT....	Inside First Narrows of Burrard Inlet, at entrance to Vancouver Harbour.	49 17 44	123 6 54	F. See remarks..	D, 7..	52	8
2324	ENTRANCE ISLAND...	Nanaimo, Strait of Georgia.	49 12 30	123 48 45	F. white, with red sector of 7½° over Gabriola reef.	D, 5..	65	14
2326	GALLOWES POINT BEACON.	S. side of entrance to Nanaimo Harbour.	49 10 12	123 55 31	F. red .....	D, p..	18	3
2327	MIDDLE GROUND BEACON.	Nanaimo Harbour.....			F. white.....	D, p..	8	2
2329	MERRY ISLAND.....	S. E. extremity of island, southeastern entrance to Welcome Pass.	49 28 5	123 56 11	F. white, temporarily.		57	6
2332	BALLINAC ISLANDS..	On S. E. part of the more easterly of the islands.	49 20 35	124 7 30	F. white.....	D, 7..	100	16
2335	THE SISTERS.....	On easterly and largest rock.	49 29 3	124 27 34	Occ. white, vis. 20 sec. and eclipsed 10 sec. alternately.	D, 6..	46	12
2338		Back tower near eastern extremity of island.	49 28 16	124 42 10	F. white.....	D, 7..	71	13
2339	YELLOW ISLAND... }	Front tower 290 feet S. 74° W. from back one.			F. white.....	C....	48	12

BRITISH COLUMBIA—Continued.

NAVIGATION—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Red lantern rising from red roof of white square wooden building.	31	1898	Bell sounds 1 stroke every 20 seconds.	In entering harbour, when light is visible all dangers on starboard side are cleared.	2316
Wooden building painted brown and yellow, with red roof; wooden lantern on the first floor in front of building. Fog-alarm building of wood, white, with brown roof.	30	1890 re-built 1902	Bell sounds one stroke every 20 seconds.	Light white from all points of approach except over Burnaby Shoal, which is covered by a red sector over arc of 24° between N. 73° W. and S. 83° W. Bell 120 feet N. 8° E. from light-house.	2317
White, square, wood, with dwelling attached.	50	1876	Steam horn close to light-house, to eastward, established 1894, sounds blasts of 8 seconds, with intervals of 45 seconds between them.	Light red from W. to W. ½ N. From points S. of this light obscured by high land. Vessels from S. should not change course to W. until light changes to white, which will clear Gabriola reef beacon ½ mile.	2324
White, square, wood, on platform on piles painted black.		1892 mov'd 1901		Visible from all points of approach by water.	2326
Lantern attached to cluster of 3 piles forming beacon.		1892 ch'ged 1894		This beacon is 2,030 feet S. 72° W. from Gallows Point.	2327
White, octagonal, wooden lantern on roof of white, rectangular, wooden building.	35	1903		Visible from all points of approach by water. Leads up the Strait of Georgia to Welcome Pass, and also guides through the Pass.	2329
White, square, wood.	33	1900	Hand horn answers signals from vessels.	Visible all round the horizon. When bearing from S. 75° E. through S. to S. 21° W. light may be obstructed by trees.	2332
White square tower rising from corner of rectangular dwelling. Lantern red.	36	1898	Bell attached to building gives stroke every 30 seconds.		2335
White, square, wood: white dwelling nearby.	28	1890 ch'ged 1898		Back light visible all around the horizon, front light visible only to the westward and in the direction of the fairway. The lights in one mark the fairway between Maple Spit beacon and Reef Point in a direction S. 74° W. and N. 74° E. favouring the Denman Island or Reef buoy side of the channel in not less than 10 fathoms of water.	2338
White, square, wood	20	1898			2339

## PROVINCE OF

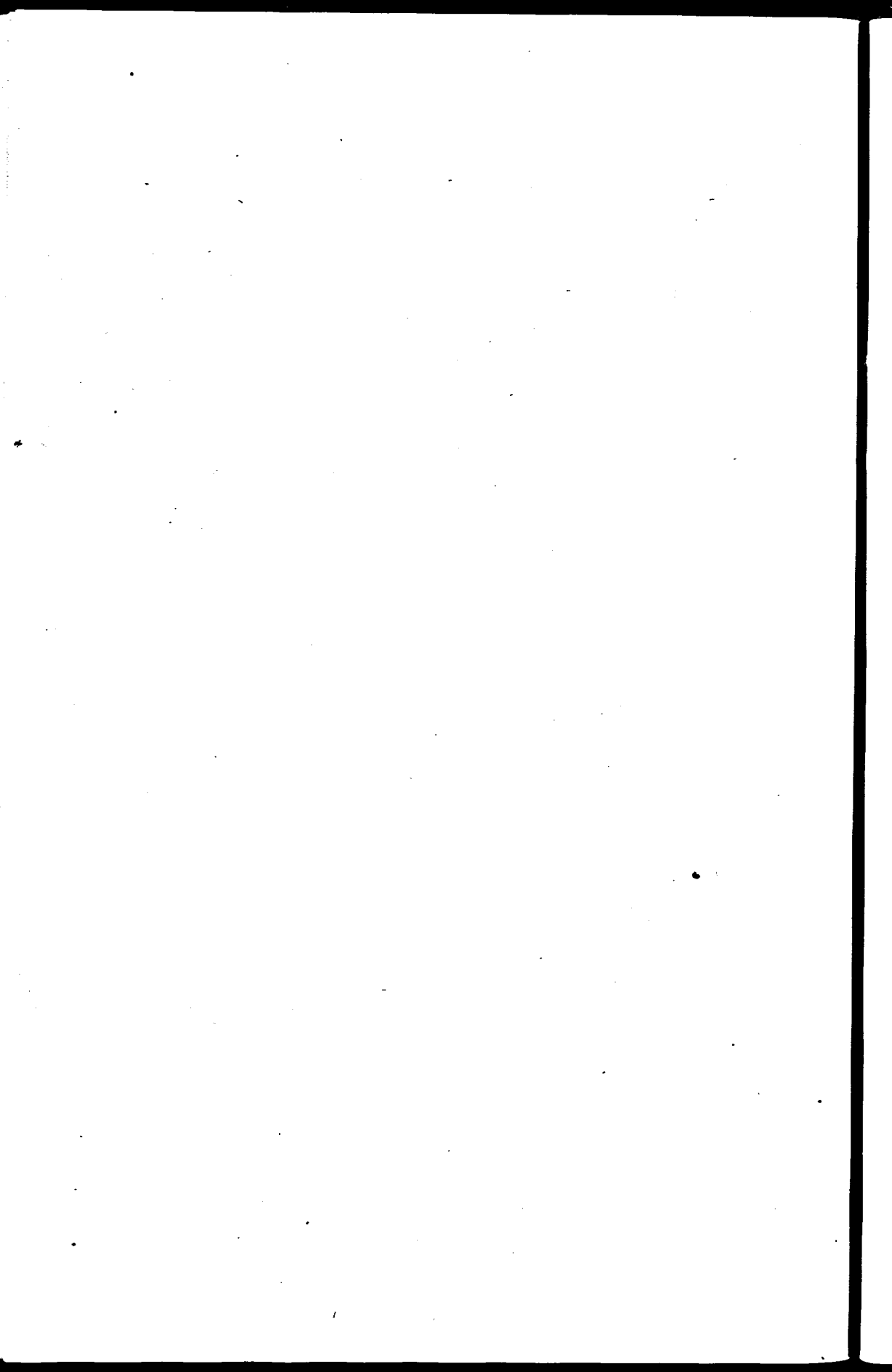
## PACIFIC COAST

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
2340	KELP BAR BELL BUOY.	In 25 fathoms, off eastern entrance to crossing over Kelp Bar.	49 39 46	124 50 43	.....	.....	.....	.....
2343	CAPE MUDGE . . . .	West extremity . . . . .	50 0 5	125 13 18	F. white . . . . .	D, 7 . . . .	32	10
2353	EGG ISLAND . . . . .	On summit of small islet, on the west side of island	51 14 43	127 50 58	Rev. white, 30 seconds.	C . . . . .	85	15
2356	POINTER ISLAND . . . .	S. E. end of island, S. of E. entrance to Lama passage.	52 3 48	127 58 40	F. white . . . . .	D, 7 . . . .	42	1
2358	DRYAD POINT (TURN POINT).	N. entrance, Main passage, Seaforth channel.	52 11 14	128 8 24	F. white with red sector.	D, 7 . . . .	36	5
2360	IVORY ISLAND . . . . .	On Surf point, Milbank sound.	52 16 15	128 25 50	F. white . . . . .	D, 7 . . . .	66	13
2362	LAWYER ISLANDS . . . .	On W. side of northernmost island, 780 feet from its N. W. end.	54 6 58	130 20 47	F. white . . . . .	D, 5 . . . .	55	13

BRITISH COLUMBIA—*Concluded.*

NAVIGATION—*Concluded.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Red, steel buoy, surmounted by a bell.	.....	1903	Bell rung by motion of the buoy on the waves.	From the buoy Goose Spit Beacon bears S. 64° W. 2½ miles.	2340
Red lantern rising from red roof of white square wooden dwelling.	30	1898	.....	Visible over an arc of 205° between the bearings of S. 48° E. through N. to N. 73° W.	2343
White, square, wood, dwelling attached. Lantern red.	50	1898	Hand horn answers signals from vessels.	Visible between the bearings N. 45° W. through E. to S. 6° W., over remainder of horizon light obscured by high land of Egg Island.	2353
Red lantern rising from red roof of white square wooden dwelling.	30	1899	Hand horn answers signals from vessels.	Visible over an arc of 214° between S. 56° E. through S. and W. to N. 22° W.	2356
White, square, wood, lantern red; white dwelling with brown roof attached.	39	1899	Hand horn answers signals from vessels.	Visible over an arc of 257° between S 63° E. through S., W. and N. to N. 14° E. Shows red from N. 44° W. through W. and S. to S. 11° E.	2358
Red lantern rising from red roof of white square wooden building.	30	1898	Hand horn answers signals from vessels.	Visible over an arc of 233° between the bearings S. 75° W. through N. to S. 52° E.	2360
White, square, wood, red polygonal iron lantern; dwelling attached.	48	1901	.....	Visible over an arc of 231° between N. 73° W. through N. and E. to S. 22° E. Between N. 73° W. and N. 65° W. the light will be obscured at intervals by trees.	2362



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<i>Big Island</i>	2243	Buckom Point	1573
Big Otter Creek	1853	Buctouche, front light	835
<i>Bigsby Island</i>	2227	Buctouche, back light	836
Big Shippigan	907	Buctouche Inner Range, front light.	837
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Savage Harbour, back light	760	Soulanges Canal, upper entrance, front range light	1607
Savards, front light	1123	Soulanges Canal, upper entrance, back range light	1608
Savards, back light	1124	Souris East	678
Scattarie	464	Souris East Breakwater	679
Scattarie	462, 464	Southampton Harbour, front light	1941
Schooner Island	1593	Southampton Harbour, back light	1942
Schooner Passage	212	South Baymouth, front light	1955
Scotch Bonnet	1789	South Baymouth, back light	1956
		South Bay Point	1755
		South-east Bay	2217
		South-east Shoal Lightship	1862
		South Point, Anticosti	1042
		South River	2219
		South Tracadie	806
		South Traverse	1173-1176
		South Traverse Middle Ground Gas Buoy	1176
		South-west Head, Grand Manan	7
		South-west Point Anticosti	1044



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<i>Walton Island</i> .....	2026	Windmill Point, Ont. ....	1710
<i>Wambolds</i> .....	360	Windmill Point, Que., Gas Buoy	
<i>Ward Point</i> .....	128	No. 98 S. ....	1513
<i>Washademoak Lake</i> .....	93, 94	<i>Wingfield Basin</i> .....	1971
<i>Way Shoal</i> .....	1560	<i>Winnipeg, Lake</i> .....	2240-2246
<i>Wedge Island</i> .....	371	<i>Witch Shoal</i> .....	1461
<i>Welland Canal</i> .....	1830, 1831, 1838, 1839	<i>Wolfe Island, River St. Lawrence</i> ...	1738
<i>Weller Bay, front light</i> .....	1792	<i>Wolfe Island Cut Gas Buoy</i> .....	1737
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<i>Western Islands</i> .....	2018	<i>Wolf, South, Whistling Buoy</i> .....	22
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<i>Westport</i> .....	186	range light .....	700
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OF THE  
Commissioner of Lights.  
JUN 30 1908  
Department of Marine & Fisheries,  
OTTAWA, CANADA.

