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List of lights and  
fog signals.

1907

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DOMINION OF CANADA

1st April, 1907

DEPARTMENT OF MARINE AND FISHERIES

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OTTAWA  
GOVERNMENT PRINTING BUREAU

1907

82453

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

CORRECTED TO THE

1st April, 1907

DEPARTMENT OF MARINE AND FISHERIES



OTTAWA  
GOVERNMENT PRINTING BUREAU  
1907

# 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, and are kept out as late as is consistent with safety, usually being removed between the 15th and 30th November.

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, which are left when possible until the last ocean vessel has passed out.

Mariners must bear in mind the fact that gas buoys are unwatched, and if extinguished, some time may elapse before a tender can reach them to repair or relight. Their lights cannot therefore be depended upon in the same way as those shown from watched lighthouses.

F. GOURDEAU,  
*Deputy Minister of Marine and Fisheries*

DEPARTMENT OF MARINE AND FISHERIES,  
OTTAWA, CANADA, 1st April, 1907.

# 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	“ “
	15·91	

## 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.
- GP. 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.*)
- GP. 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 3½ 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. Mariners must never assume that the fog signal is not in operation because they do not hear it even when in close proximity.

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

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DEPARTMENT OF MARINE AND FISHERIES.

OTTAWA, CANADA, 1st April, 1907.

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.
- B—Boats, boathouses, wharves, &c.
- M—Maintenance and miscellaneous.
- A—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 Jerome 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 1907

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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	Fl. white..... Flash "562 sec. Eclipse 1'94 " Flash "562 " Eclipse 11'9 "  In every 14'964 sec.	D, 2..	90	14
6	OLD PROPRIETOR GAS AND WHISTLING BUOY.	In 37 fathoms, 2½ miles S. 31° E. from Old Proprietor Shoal.	44 31 44	66 37 33	F. white.....	D, gas		
7	SOUTHWEST 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 Whitehead 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-ALARM.	On the beach 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				

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 4½ 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, on concrete foundation; red circular iron lantern.	91	1831 raised 1905	Cotton powder bombs exploded every 5 minutes.	Visible from all points of approach. Dangerous rocks extend 4 miles eastward of the light.	4
Black steel cylindrical buoy, with "Old Proprietor" in white letters on the deck, surmounted by a pyramidal steel frame supporting a whistle and a lantern.	...	1906	Whistle sounded by motion of buoy on the waves.	.....	6
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 rectangular wooden building, red roof.	.....	.....	Diaphone, operated by compressed air, gives 2 blasts of 2½ secs. duration each, every minute, thus : blast 2½ secs. ; silent 5 secs. ; blast 2½ secs. ; silent interval 50 secs.	Horn 16 feet above high water, projects from northerly face of building.	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. 8¼ miles; and Lepreau light E. by N. ½ N., 13½ miles.	22

## 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.
23	SOUTHWEST WOLF ISLAND.	On S.E. point of the island.	44 56 30	66 44 00	Fl. white ..... Flash every 5 sec.	D, 4..	111	16
24	WOLVES GAS AND WHISTLING BUOY.	In 26 fathoms, 1½ miles N. from E. Wolf Island.	45 0 30	66 42 28	Occ. white.....	D, gas	.....	.....
	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 58 2	.....	.....	.....	.....
29	HEAD HARBOUR.....	E. Quoddy head N. point of Campobello Island.	44 57 30	66 54 10	F. white.....	D, 4..	64	13
	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
34	ST. ANDREWS.	N. point of entrance...	45 4 0	67 3 0	F. white.....	C.....	42	10
35		E. end of eastern bar of Navy Island.	45 3 30	67 2 13	F. white.....	D, 5..	34	7
36	MIDJIK BLUFF..	On sand reef at E. entrance.	45 3 45	67 0 50	F. white.....	C.....	40	10
38		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.						

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, square, wood; lantern on dwelling.	35	1871	Hand horn answers signals from vessels.	Visible from all points of approach.	23
Steel, cylindrical buoy, painted in black and white vertical stripes, with "Wolves" in white and black letters on the deck, surmounted by a pyramidal steel frame supporting a whistle and a lantern.	.....	1906	Whistle sounded by motion of buoy on the waves.	.....	24
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
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, rung by machinery, gives 2 strokes in quick succession every 30 seconds.	Fog bell is located 80 feet northward from the lighthouse.	29
White, square, wood..	28	1876	.....	The course from Spruce Point to ballast ground is E. by S. ½ 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
Red octagonal iron lantern rising from red roof of white rectangular wooden building on rectangular wooden cribwork pier.	36	1904	Bell, rung by machinery, gives 2 strokes in quick succession every 4 secs.	Visible from all points of approach by water. White square wooden fog bell tower on south-east end of pier.	35
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.	36
White, square, wood, lantern brown.	29	1876	.....	A bar extends E.N.E. from lighthouse, and vessels require to keep off a distance of 200 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

## 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.
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'Etang Harbour.	45 2 20	66 48 40	F. green.....	C.....	51	10
43	BEAVER HARBOUR FAIRWAY WHISTLING BUOY.	In 22 fathoms $1\frac{1}{2}$ 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.....	D, 7..	45	10
47	LEPREAU WHISTLING BUOY.	In 23 fathoms 1 mile S.S.W. from light.	45 2 31	66 27 50	.....	.....	.....	.....
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	.....	.....	.....	.....

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, 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., $3\frac{1}{4}$ miles; Lepreau light, E. by S. $\frac{1}{2}$ S., 11 miles; and Head Harbour light, W. by S. $\frac{1}{2}$ 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. $\frac{1}{2}$ N.	47
Octagonal, wood, red and white horizontal bands, red polygonal iron lantern. Grey rectangular wooden fog-alarm building with red roof, high brick chimney.	54	1831 re-built 1899	Diaphone, operated by compressed air, gives one blast of $3\frac{1}{2}$ seconds' duration every 30 seconds.	Visible from all points seaward. .... The trumpet, elevated 35 feet above high water mark, projects from the southerly face of the fog alarm building.	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. $\frac{1}{2}$ E., $1\frac{1}{4}$ miles; Partridge island bears E.N.E., $10\frac{1}{2}$ 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. $\frac{1}{4}$ W.	54
Red and white horizontal stripes, 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 45 seconds.	The horn projects from the seaward face of the building, and is elevated about 100 ft. above the water.	56

## NEWB RUNS

## 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.
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 LIGHT AND BELL BOAT	In 26 feet. Near E. side of Partridge Island.	45 14 7 66	2 45	F. white.....	D, acetylene.		
60	NEGRO POINT...	On Government break-water, W. entrance to port, 50 feet from outer end.	45 14 13 66	3 19	F. white.....	D, 6..	40	8
61	ST. JOHN HARBOUR GAS BUOY	In 5½ fms., about 4 cables to eastward of Negro Point.	45 14 38 66	3 1	Occ. white.....	D, gas		
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
63	INTERCOLONIAL RY. WHARF.	On outermost corner of wharf, St. John City.	45 15 27 66	3 13	F. red.....			
64	REEDS POINT....	On Prince William St., foot of St. James St., St. John City.	45 15 41 66	3 28	F. red and white. 64 c. p. incandescent lamps	Electricity	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.
Vertical red and white stripes, octagonal wooden, with red iron lantern. Red brick fog alarm building with slate roof on S.W. end of island.	40	1791	Diaphone, operated by compressed air, gives 2 blasts of 2½ secs. duration each, every 30 secs., thus: blast 2½ secs.; silent 2½ secs.; blast 2½ secs.; silent interval 2½ secs.	Fog alarm building stands on S.W. end of island; horn projects from its south-west face.	58
Black iron boat surmounted by a pyramidal steel frame supporting a bell and a lantern.		Gas, 1907	Bell rung by motion of the boat on the waves.	Light is unwatched From the buoy Partridge Island light bears W. ½ N. ¼ mile; W. tangent of Inner Mispeck point, S. E. by S. ½ S., 2½ miles; St. John harbour light, N. ¼ W. ¾ mile.	59
White with red lantern, open framed hexagonal tower, on circular stone foundation.	35	1878 re-established 1883			60
Red, steel cylindrical buoy, surmounted by a pyramidal steel frame supporting a lantern.		1906		Marks western edge of shoal water on eastern side of channel. From the buoy, the beacon light bears N. 2° W.; and the Negro Pt. breakwater light S. 47° W.	61
Vertical black and white stripes.	15	1828	Bell rung by machinery gives one stroke every 6 seconds.		62
Lantern on a pole.		1907		Maintained by Intercolonial Railway.	63
On a three branched lamp post.	21	1850		Shows red to seaward over an arc of 67½° from N. E. to N.N.W., white on other bearings.	64

## 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.
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, 7..	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	THE CEDARS.....	On edge of bank, E. side of river.	45 29 0	66 6 36	F. white.....	D, 7..	44	7
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, 7..	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.	39	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
White, square, wood, lantern red.	32	1904	.....	To guide through Long Reach.. ... Visible from all points of approach by water.	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 white 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.	

## 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	WASHDEMOK LAKE.	MUSQUASH ISLAND. Queens County. ....	45 42 40	66 6 40	F. white. ....	C. ....	33	10
94		HENDRY FARM Queens County, 2 1/2 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. ....	D, 7. ....	26	9
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. ....	D, 7. ....	16	10
104		FANJOY POINT. ....	45 55	10 66 4 0	F. white. ....	D, 7. ....	16	9
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 ½ 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	.....	Visible from all points of approach.	103
White, square, wood..	16	1873	.....	Visible from all points of approach.	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 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.
	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				
114	MISPEC BELL BUOY.	In 16 fathoms, off Mispec.	45 12 9 65	58 25				
115	CAPE SPENCER.....	Pitch of cape.....	45 12 5 65	54 35	Alt. red and white 45 seconds.	C.....	207	20
117	QUACO LEDGE BELL BUOY.	In 10 fathoms $\frac{1}{4}$ 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 $\frac{1}{4}$ 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
122	ANDERSON HOLLOW BREAKWATER.	On outer end of breakwater.			F. white.....	D, 7..	26	8
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..	125	15

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. $\frac{1}{8}$ N., $1\frac{1}{2}$ miles; south-west end of Meogenes Island, N.W. by W., $3\frac{3}{8}$ miles.	113
Iron buoy, alternate red and black vertical stripes with "Mispec" in white letters on the deck, surmounted by a bell.	.....	1906	Bell rung by motion of buoy on the waves.	From the buoy, the mouth of Mispec Creek bears N. $45^{\circ}$ E. $1\frac{1}{2}$ miles, and the S. tangent of Cape Spencer S. $59^{\circ}$ E. 2 miles.	114
Red with white band, 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. $\frac{1}{4}$ 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., $\frac{1}{4}$ 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. $\frac{1}{4}$ N. and N.W.; and between N. $\frac{1}{4}$ 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
Lantern on a pole....	22	1907	.....	Visible from all points of approach by water.	122
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, square, wood, red, octagonal iron lantern. Fog-alarm building of drabstone with slate roof.	29	1840 re-built 1904	Steam horn sounds blasts of 8 seconds, with intervals of 20 seconds.	Visible from all points of approach by water. Fog-alarm is 130 feet S.W. from the lighthouse, at an elevation of 100 feet.	124

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.
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, 7..	72	14
130	FORT FOLLY POINT..	On extreme point.....	45 52 5	64 33 55	F. white.....	D, 7..	77	14

## NOVA

134	SHULIE.....	Eastern side of entrance to harbour.	45 36 30	64 34 26	F. red.....	D, 7..	64	8
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	.....	.....	.....	.....
142	SPENCER ISLAND....	On shore of mainland at Spencer Island settlement.	45 20 30	64 42 45	F. red.....	D, 7..	34	7
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 11	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 53 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

BASIN OF MINES.



BRUNSWICK—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, octagonal, wood, white dwelling near by. Fog-horn building white, with brown roof.	40	1834	Steam horn sounds blasts of 15 seconds, with intervals of 30 seconds.	Visible over 315° 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.	12
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 Petitcodiac and Memramcook rivers.	130

SCOTIA.

White, square, wood.	32	1905	.....	Visible from all points of approach by water.	134
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	Whistlesounds for 6 seconds in every minute.	.....	141
White, square, wood.	33	1904	.....	Visible from all points of approach by water.	142
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	Bell rung by machinery, gives one stroke every 6 seconds.	.....	145
Lantern on a mast ...	30	1882	.....	Visible from all points of approach. Kept lit during fishing season.	.....
Lantern on a mast ...	20	1882	.....	Visible from all points of approach. Kept lit during fishing season.	148

## NOVA SCO

## 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.
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
154	NOEL.	On outer ender of government breakwater.	45 18 12	63 45 12	F. red	D, 7.	27	6
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
156½	CROSS-BARS SHOAL GAS BUOY.	In 4½ fathoms, ¼ mile north of shoal, off mouth of Avon river.	45 13 0	64 15 0	Occ. white	D, gas		
156¾	BASIN OF MINES. AVON RIVER BRIDGES.	DIMOCK POINT. On north extremity of point, near Windsor, at junction of Avon and St. Croix rivers.	44 59 50	64 8 15	F. red	Electric, incandescent.	70	5
		No. 1 on highway bridge near its centre.	44 59 28	64 9 5	F. red	Electric.	20	
		No. 2 on Dominion Atlantic Railway bridge, 320 feet from its eastern end.			F. red	Electric.	18	
		No. 3 on railway bridge, 158 feet westerly from No. 2.			F. red	Electric.	18	
157	HORTON.	On Bluff, W. side of Avon River, near its mouth.	45 6 30	64 13 20	F. white	C	100	15
158	WOLFVILLE.	In marsh near inner end of Government wharf.	45 6 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	

TIA—Continued.

FUNDY—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
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
Square, wood; lower part sanded, upper part white.	27	1905	.....	Visible from all points of approach.	154
White, square, with lantern on dwelling.	35	1859	.....	Visible from all points of approach.	155
White, square, wood..	20	1873	.....	.....	156
Steel cylindrical buoy, painted in black and white vertical stripes, surmounted by a pyramidal steel frame supporting a lantern.		1906	.....	Removed each year for the winter between 1st and 15th December.	156½
Group of three lamps on pole.			.....	Visible from all points of approach by water.	156½
.....		1906	.....	Bridges span Avon river near Windsor. In going up Avon river, the light on the highway bridge is to be kept in line with the eastern light on the railway bridge on a S. 44° W. course. In going down the river, the western light on the railway bridge is to be kept in line with the light on the highway bridge on a N. 70° E. course.	156½
.....		1906	.....		
.....		1906	.....		
White, square, wood, dwelling attached.	33	1851 rebuilt 1883	.....	.....	157
White, square, wood..	22	1902	.....	Visible from all points of approach by water.	158
White square, wood..	23	1878 rebuilt 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

## 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.
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 LORNE.....	S. shore, Bay of Fundy	44 56 53	65 15 56	Two F. white, 22 ft. apart vertically.	C.....	{ 92 } { 70 }	10
168	POINT PRIM WHISTLING BUOY.	In 23 fathoms, off N. entrance to Digby Gut, $\frac{1}{2}$ miles N. $45^{\circ}$ E. from Point Prim lighthouse.	44 42 53	65 46 14				
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
172	BEAR RIVER ...	On Winchester Point..	44 37 5	65 41 0	F. red.....	D, 7..	72	9
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, 6..	30	7
178	TROOP POINT ...	In bight westward from extremity of point.	44 45 31	65 30 33	F. red.....	D, 7..	46	3
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 GAS AND WHISTLING BUOY.	In 15 fathoms, 400 yds, N.N.W. $\frac{1}{2}$ W. from the N.W. rock.	44 19 15	66 24 30	Occ. white.....	D, gas .....		

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..	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
Iron buoy, alternate black and white vertical stripes, with "Pt. Prim" in white letters, surmounted by a 10-inch whistle.	.....	1907	Whistle sounded by the motion of the buoy on the waves.	.....	168
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.	170
White, square, wood..	27	1887 Tower	.....	To serve as a guide through Digby Gut, and to small vessels seeking a landing at Victoria beach.	171
White, square, wood..	32	1903 1905	.....	Visible from all points of approach by water.	172
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
White, square, wood..	32	1906	.....	Shows up stream and down stream.	178
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 steel cylindrical buoy, with "N. W. Ledge" in white letters, surmounted by a pyramidal steel frame supporting a whistle and a lantern.	.....	1890 Gas 1907	Whistle sounded by motion of buoy on the waves.	From buoy Brier I. light bears S. $\frac{3}{4}$ W. $\frac{4}{3}$ miles; N. point of Brier I., S.E. $\frac{1}{2}$ S., $3\frac{1}{2}$ 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
185	SOUTHWEST LEDGE (BRIER ISLAND) GAS AND WHISTLING BUOY.	1½ miles S. 65° W. from ledge.	44 10 0	66 27 8	Occ. red.....	D, gas.....		
186	WESTPORT.....	Peters Island, entrance to Grand Passage.	44 15 27	66 20 21	Two F. white, 24 ft. apart horizontally.	C....	40	10
188	GILBERT POINT.....	On E. extremity of point.	44 29 42	65 57 12	F. red.....	D, 7..	40	7
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, 6..	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, 6..	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. ½ 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, 6..	26	6
198	LURCHER SHOAL LIGHTSHIP.	In about 36 fathoms, off Lurcher Shoal, 2 miles W. of the 1½ 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

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	Bell rung by machinery, gives one stroke every 5 seconds.	Visible from all points of approach by water. To indicate the N. entrance to Grand Passage.	183
White with three red horizontal bands, octagonal, wood Fog-alarm building S. of tower.	55	1809 Fog-alarm 1873	Diaphone, operated by compressed air, sounds three blasts of 4 seconds, with intervals of 4 seconds between them, in each minute.		184
Steel cylindrical buoy, painted red with "S. W. Ledge" in white letters, surmounted by a pyramidal steel frame supporting a whistle and a lantern.	.....	1907	Whistle sounded by motion of buoy on the waves.		185
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. † W.	186
Wooden lantern rising from red roof of white square wooden dwelling.	36	1904		Visible from all points of approach by water.	188
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 break-water one hour before 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. 13½ miles; Lurcher Shoal buoy S.W. by W. 12½ miles.	195
White, square, wood..	27	1884 Tower 1897	Bell rung by machinery, gives one stroke every 6 seconds.	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. Submarine fog bell strikes the number "14" every 23 seconds, thus:—one stroke, 5 seconds interval; 4 strokes at intervals of 2 seconds; then an interval of 10 seconds.	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

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.
199	LURCHER SHOAL WHISTLING BUOY.	In 13 fathoms $\frac{1}{2}$ mile W. of Shoal.	43 50	2 66 30 0				
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
206	BUNKER ISLAND, NORTH END.	On northwest extremity of island.	43 48 58	66 8 10	F. red . . . . .	D, 6. . . .	38	6
207	YARMOUTH HARBOUR CORNER BEACON.	$\frac{1}{2}$ miles southwestward of the long wharf, Yarmouth.	43 49 39	66 7 50	F; red . . . . .	D, 7. . . .		
207 $\frac{1}{2}$	HEN AND CHICKENS GAS AND BELL BUOY.	On western side of shoal	43 47 27	66 8 38	Occ. red. . . . .	D, gas . . . .		
208	YARMOUTH BELL BUOY.	In 10 fathoms off Yarmouth Sound.	43 44 0	66 10 47				
209	YARMOUTH FAIRWAY GAS AND WHISTLING BUOY.	In 34 fathoms 10 miles S. 62° W. from Cape Fourchu Light.	43 40 16	66 18 55	Occ. red. . . . .	D, gas . . . .		
211	GANNET DRY LEDGE BELL BUOY.	In 16 fathoms, 1 mile N. 73° W. from middle of ledge.	43 36 38	66 11 45				



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 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
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
White, square, wood.	22	1907	.....	Visible from all points of approach by water.	206
Lantern on mast rising from dolphin.	.....	1905	.....	Marks turn in channel leading eastwardly to the long wharf in Yarmouth harbour.	207
Red steel cylindrical buoy, surmounted by a steel frame supporting a bell and a lantern.	..	1906	Bell rung by motion of buoy on the water.	.....	207 $\frac{1}{2}$
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 $\frac{3}{4}$ miles	208
Steel, cylindrical buoy, painted in black and white vertical stripes, with "Y'm'th S.W. F'y" on the deck, surmounted by a pyramidal steel frame supporting a whistle and a lantern.	....	1894 Gas 1906	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

## 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.
211½	SCHOONER PASSAGE BELL BUOY.	In 8 fathoms, off the northern entrance to Schooner Passage, ¼ miles N. W. from Candlebox Island light.	43 39 53 66	3 40	.....	.....	.....	.....
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..... C..	56 40	12 4
215	PEASES LEDGE BELL BUOY.	In 9½ fathoms S. E. by E. 2 miles from Peases I. light.	43 37 2 65 59	0	.....	.....	.....	.....
217	SEAL ISLAND.....	S. point ½ mile inland..	43 23 34 66	0 52	F. White.....	D. 2..	98	18
220	BLONDE ROCK GAS AND WHISTLING BUOY	In 13 fathoms, ½ mile S. 3° E. from the rock.	43 19 47 65 59	4	Occ. white.....	D, gas.....	.....	.....
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

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.
Iron buoy, black and white vertical stripes, surmounted by a bell.	...	1906	Bell rung by motion of buoy on the waves.	From the buoy a S. 39° E. course will lead vessels bound south through Schooner Passage, midway between the shoals off Murder Island and Owls Head.	211½
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. ½ N. and N.W. by W.	213
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.	215
White with two red horizontal bands, 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.	From the buoy White Head Island bears E. ¾ N., 5½ miles. Fog whistle building, 585 feet S. 26° W. from lighthouse.	217
Red steel cylindrical buoy with "Blonde Rock" in white letters on the deck, surmounted by a pyramidal steel frame supporting a whistle and a lantern.	....	1882 Gas 1906	Whistle sounds by action of waves.	From the buoy Seal Island light bears N. ¼ 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. Am's Point.	227

## 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.
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, 1½ miles S. 17° 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
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, ½ mile N. W. from extremity of reef.	43 26 40	65 40 12				
238	SOUTHWEST LEDGE (CAPE SABLE) GAS AND WHISTLING BUOY.	In 15 fathoms, 1½ miles S. 34° W. from ledge.	43 21 0	65 39 47	Occ. red.	D, gas	30	
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.	½ mile S. W. of rocks, which lie 1¼ miles S. W. ¼ W. from Baccaro light.	43 25 38	65 29 8				
246	BRAZIL ROCK GAS AND WHISTLING BUOY.	In 21 fathoms ½ mile S. 11° W. from the rock.	43 20 56	65 26 30	Occ. white	D, gas		

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.
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., $\frac{1}{2}$ E., $8\frac{1}{16}$ miles; Gull Ledge, N. $6\frac{1}{16}$ 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. $85^{\circ} 30'$ W., $4\frac{1}{2}$ miles, from West Head, Cape Sable I. light.	231
White, square, wood, with dwelling attached.	23	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
White, square, wood, on concrete pier, red octagonal iron lantern.	23	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
Red steel cylindrical buoy, with "S. W. Ledge" in white letters on the deck, surmounted by a pyramidal steel frame supporting a whistle and a lantern.	.....	1907	Whistle sounded by motion of buoy on the waves.	.....	238
White, octagonal, wood	50	1861 Fog- alarm 1876	Diaphone, operated by compressed air, sounds a blast of 3 secs. duration every 20 secs.	Wireless telegraph station..... Fog alarm on southern point of Cape.	239
Hull painted red, with word "Barrington No. 1" 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. $\frac{3}{4}$ E., $6\frac{1}{16}$ miles; Bantam Rocks, S. by E. $\frac{1}{8}$ E. $6\frac{1}{16}$ miles. To guide into Barrington Bay and through Barrington Passage.	241
White, with black ball seaward, square, wood.	35	1850 new lan- tern 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
Steel cylindrical buoy, painted in black and red horizontal bands, with "Brazil Rock" on the deck surmounted by a pyramidal steel frame supporting a whistle and a lantern.	.....	1876 Gas 1906	Whistle sounded by the motion of buoy on the waves.	From the buoy Baccaro Light bears N. $61^{\circ}$ E. $6\frac{1}{16}$ miles; C Sable Light N. $55^{\circ}$ W., 8 miles.	246

## 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.
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		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	NORTHEAST HARBOUR.	Back light 850 feet N. W. from front one.			F. white. ....	D, 7..	44	11
255	JIG ROCK BELL BUOY.	In 9 fathoms, $\frac{1}{4}$ mile S. E. from rock.	43 35 53	65 15 56				
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 )
257	SHELburne FAIRWAY WHISTLING BUOY.	In 18 fathoms, off entrance to Shelburne Harbour.	43 37 5	65 11 44				
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	JORDAN .....	On outer end of Jordan Bay east side breakwater, east side of Jordan River.	43 45 30	65 13 5	F. red. ....	D, 6..	24	6
259 $\frac{1}{2}$	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 GAS AND WHISTLING BUOY.	Off the approach to Ragged Island Harbour.	43 37 28	65 1 44	Occ. white. ....	D, gas		
263	LOCKEPORT FAIRWAY BELL BUOY.	In 12 $\frac{1}{2}$ fathoms 1 $\frac{1}{8}$ miles E. $\frac{1}{4}$ S. from Gull Rock light, and 3 $\frac{1}{8}$ miles S. $\frac{1}{4}$ E. from Carter I. light.	43 39 30	65 4 0				

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 red iron lantern, square, wood, with kitchen attached	34	1890	Hand horn answers signals from vessels.	Visible from all points of approach.	24
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 iron buoy, with "Jig Rock" in white letters on the deck, surmounted by a bell.	.....	1907	Bell rung by motion of buoy on the waves.	.....	255
Black and white vertical stripes, octagonal, stone.	77	1788 repaired 1858	Trumpet, established 1884, sounds a blast of 10 seconds' duration every two minutes.	.....	256
Iron buoy, alternate black and white vertical stripes, with "Shelburne" painted on the side, surmounted by a 10-inch whistle.	.....	1905	Whistle sounds by action of waves.	From the buoy, Cape Roseway light bears N. 67° W. 2 $\frac{1}{2}$ miles; and Surf Point bears N 39° W. 6 $\frac{1}{2}$ miles.	257
White, square, wood, on white, square, concrete pier.	44	1873 rebuilt 1880	Hand horn answers signals from vessels.	.....	258
White, square, wood..	27	1907	.....	Visible from all points of approach.	259
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 $\frac{1}{2}$
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, steel, cylindrical buoy with letter L in white on the deck, surmounted by a pyramidal steel frame supporting a whistle and a lantern.	.....	1888 Gas 1906	Whistle sounded by the motion of the buoy on the waves.	From the buoy Carter Island light bears N. by W. $\frac{1}{2}$ W. 5 $\frac{1}{2}$ miles, Gull Rock Light N.W. $\frac{1}{2}$ 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 $\frac{1}{2}$ miles distant.	263

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.
264	BANTAM ROCK BELL BUOY.	In 10 fathoms, 400 yards S. 22½° E. from rock. Off entrance to Sable River.	43 43 10	64 58 15	.....	.....	.....	.....
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 BELL BUOY.	In 14 fathoms ½ mile S. 19° W. from middle of shoal.	43 47 10	64 49 44	.....	.....	.....	.....
268	LITTLE HOPE GAS AND WHISTLING BUOY.	In 20 fathoms, 1½ miles S. from light on Little Hope islet.	43 47 20	64 46 41	Occ. white.....	D, gas.....	.....	.....
269	LITTLE HOPE.....	Nearly on centre of island.	43 48 30	64 47 15	Occ. white temporarily. Visible 7 secs. Eclipsed 3 "	D, G.....	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
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 1½ miles S.S.W. from breaker off approach to Port.	3 15	64 31 25	.....	.....	.....	.....



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 iron buoy, with "Bantam" in white letters on the deck, surmounted by a bell.	.....	1906	Bell rung by motion of buoy on the waves.		264
White, square, wood, with dwelling attached.	29	1872			265
Red iron buoy, with "Little Hope Shoal" in white on the deck, surmounted by a bell.	.....	1900 Bell 1906	Bell rung by the motion of the buoy on the waves.	From the buoy Little Hope light bears E. by N. $\frac{5}{8}$ N., 2 $\frac{1}{2}$ miles; Black Point extremity, N.E. by N., 3 $\frac{3}{8}$ miles; Joli Point N. $\frac{3}{4}$ W., 2 $\frac{3}{4}$ miles.	267
Steel cylindrical buoy, black and white vertical stripes, with "Little Hope" on the deck, surmounted by a pyramidal steel frame supporting a whistle and a lantern.	.....	1906	Whistle sounded by motion of buoy on the waves.	Buoy is intended to guard vessels from reefs surrounding Little Hope islet, and as a fairway buoy coast-wise.	268
.....	30	1865 changed 1889	Hand horn answers signals from vessels.	Visible around horizon.....	269
White, square, wood, surmounted by red, octagonal lantern, white dwelling nearby.	20	1873	Hand horn answers signals from vessels.	For guiding vessels into harbour... Life-boat station on N.W. end of Port Mouton Island.	271
White, square, wood, dwelling attached.	17	1855	Hand horn answers signals from vessels.	Left on port side when entering the harbour.	273
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. $\frac{1}{4}$ E. 1 $\frac{1}{8}$ miles, Fort Point light N. W. $\frac{1}{4}$ N., and Western Head W. $\frac{3}{4}$ S. 2 $\frac{1}{8}$ 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 ch'ged 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 4 $\frac{1}{2}$ miles distant.	279

## 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.
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 GAS AND BELL BUOY.	In 22 fms., 3 miles S. by E. from Moser Island light.	44 11 30	64 16 30	Occ. white.....	D, gas.....		
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 GAS AND WHISTLING BUOY.	In 23 fms., 6½ miles S.E. by S. ¾ S., from Battery Point light.	44 17 0	64 11 25	Occ. white.....	D, gas.....		
294	BATTERY POINT.....	Entrance to Lunenburg Harbour.	44 21 45	64 17 35	F. red.....	C.....	81	11
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	6

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 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 steel cylindrical buoy surmounted by a steel frame supporting a bell and a lantern.	.....	1886 Gas 1907	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.	29	1855	.....	Near edge of cliff 40 feet high.....	290
Red and black horizontal bands. Steel, cylindrical buoy surmounted by a pyramidal steel frame supporting a whistle and a lantern.	.....	1891 Gas 1905	Whistle sounded by action of waves.	From the buoy Cross Island light bears N.E. $\frac{1}{2}$ 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., $1\frac{1}{2}$ miles.	291
White, square tower on dwelling.	24	1864	Hand horn answers signals from vessels.	.....	294
Red, octagonal, wood; polygonal iron lantern red.	58	1832	Steam-horn sounds 20 seconds every $1\frac{1}{2}$ 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

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.
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 $1\frac{8}{10}$ miles E. by N. $\frac{1}{3}$ 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
306 $\frac{1}{2}$	SLAUNWHITES LEDGE BELL BUOY.	$\frac{1}{10}$ mile south from the big rock near middle of ledge.	44 36 56	64 2 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, 6. . . . .	36	7
309	CRAWFORD LEDGE BELL BUOY.	In 12 fathoms, $\frac{1}{2}$ mile N. 79° W. from W. extremity of Shoal.	44 30 48	63 57 21				
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
311 $\frac{1}{2}$	SHAG BAY BREAKERS BELL BUOY.	In 22 fathoms, $\frac{1}{2}$ mile S. 45° W. from S.W. extremity of Shoal.	44 28 0	63 49 55				
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

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, 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. $\frac{1}{4}$ N. course leads into Mahone Bay and a N.E. by N. $\frac{3}{4}$ N. course leads into St. Margaret Bay clear of Horseshoe Ledge.	305
White, square, wood, dwelling attached.	42	1886	.....	.....	306
Red iron buoy, with "Slaunwhite Ledge" in white letters, surmounted by a bell.	.....	1906	Bell rung by motion of buoy on the waves.	.....	306 $\frac{1}{2}$
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
Red, iron buoy, with "Crawford Ledge" in white letters on the deck, surmounted by a bell.	.....	1904	Bell rung by motion of buoy on the waves.	.....	309
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
Red, iron buoy, with "Shag Bay Breaker" in white letters on the deck, surmounted by a bell.	.....	1904	Bell rung by motion of buoy on the waves.	.....	311 $\frac{1}{2}$
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

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.
315	PENNANT WHISTLING BUOY.	In 18 fathoms off Pennant Point.	44 24 20	63 39 32				
16	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	Fl. white. Flash every 5 seconds.	D, 1.. acetylene.	140	17
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 GAS AND WHISTLING BUOY.	In 25 fathoms near S. end of Sambro outer bank.	44 21 30	63 30 15	Occ. white.....	D, gas		
323	CATCH HARBOUR	On W. side of entrance	44 28 57	63 32 40	F. red.....	D.....	46	7
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 GAS AND WHISTLING BUOY.	In 36 fathoms outside entrance, $6\frac{1}{2}$ miles S. $54\frac{1}{2}^{\circ}$ E. from Chebucto Head lighthouse.	44 28 25	63 22 10	Occ. white.....	D, gas acetylene.	30	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.
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. $1\frac{3}{4}$ miles; Shipley Head pole light, N. $\frac{3}{8}$ W., $3\frac{3}{4}$ 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. $46^{\circ}$ 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 with three red horizontal bands, octagonal, stone and concrete, covered with shingles; red circular iron lantern.	82	1758 raised 1906	Cotton powder signals exploded every 10 minutes.	Visible from all points of approach. 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.....	319
Black iron buoy surmounted by a bell.	.....	1874	Bell rung by the action of the waves.	.....	321
Black steel cylindrical buoy, with "Sambro" in white letters on the deck, surmounted by a pyramidal steel frame supporting a whistle and a lantern.	.....	1890 Gas 1906	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. $\frac{3}{8}$ E., $8\frac{1}{2}$ miles.	322
White, square, wood...	32	1905	.....	Visible from all points of approach.	323
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 steel cylindrical buoy, surmounted by pyramidal steel frame supporting a whistle and a lantern.	.....	1878 Gas 1905	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. $\frac{1}{4}$ W. $7\frac{1}{4}$ 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 GAS AND WHISTLING BUOY.	In 20 fathoms N.E. $\frac{1}{4}$ miles from Chebucto Head lighthouse.	44 31 40	63 29 50	Occ. white.....	D, gas		
		Submarine bell $\frac{1}{4}$ mfl N. 1° E. from buoy.	44 31 51	63 30 0				
329	NEVERFAIL SHOAL GAS BUOY.	In 6 fathoms $\frac{1}{4}$ mile S. of middle of Neverfail Shoal.	44 33 20	63 30 50	Occ. 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	Occ. red.....	D, gas acetylene.	9	
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 every five seconds.	D, 3..	64	13
333	McnAB ISLAND.	$\frac{1}{4}$ mile, N. 16° E., from south point of Finlay Cove.	44 37 0	63 31 48	F. white.....	C ...	132	17

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.
Red, steel cylindrical buoy with curved top, surmounted by a pyramidal steel cage supporting a 10-inch whistle and a lantern.	.....	1877 Gas 1905	Whistle sounded by action of waves. There will be sounded on the submarine fog bell 4 strokes at intervals of 4½ seconds, followed by a silent interval of 6½ seconds.	From the buoy Sandwich Point bears N. ½ W., 3¼ miles; Devil Island West lighthouse N.E. ¾ E., 3 miles, 5½ 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 red roofs; circular iron lantern red. White wooden dwelling near tower. White square wooden fog alarm building with red roof.	60	1815 horn 1889	Diaphone, operated by compressed air, sounds a blast of 3½ seconds' duration every 30 seconds.	Visible from all points of approach. 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. Horn, 37 ft. above high water mark, projects from S. side of light-house.	332
White, square, wood, tower rising from middle of roof of dwelling. Red vertical stripe on seaward side of tower and 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° E. and bring Mauger beach and McNab Island lights in one. This course, N. 16° E. is to be continued till it intersects the alignment of George Island and Dartmouth lights.	333

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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.
334	MIDDLE GROUND GAS BUOY.	In 6 fathoms, $\frac{1}{2}$ mile S. of centre of middle ground W. of McNab Island.	44 36 30	63 32 30	Occ. white.....	D, gas acetylene.	9	4
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, G..	19	4
343	MUSQUODOBOIT HARBOUR.	Back light on French Point, Kent Island, about $\frac{3}{4}$ mile N. 31° E. from front light.	.....	.....	F. red.....	D, G..	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

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.
Steel, cylindrical buoy, painted in red and black horizontal bands, surmounted by conical slatwork topmark and a lantern.		1903			334
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 Thurmcap 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, with 2 red horizontal bands; dwelling attached.	50	1881			345

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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.
346	JEDDORE HARBOUR RANGE.	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					Backlight 850 feet, N. 8° E. from front.	F. white.....	C...	105
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 GAS AND WHISTLING BUOY.	In 37 fathoms S. 5 miles from Egg Island lighthouse.	44 35 20	62 49 5	Occ. white.....	D, gas	30	....
351	SHIP HARBOUR WHISTLING BUOY.	In 15 fathoms, $\frac{1}{4}$ mile S. E. from Little Rock Shoal.	44 41 5	62 41 34	.....	.....	.....	.....
352	WOLF POINT.....	N. E. point of Nichol Island, W. side entrance to Ship Harb'r	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 GAS AND WHISTLING BUOY.	In 24 fathoms S. by W. $\frac{1}{4}$ W., $5\frac{1}{4}$ miles from lighthouse.	44 44 30	62 28 37	Occ. red .....	D, gas	30	....
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	.....	.....	.....	.....

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..	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
Black and white vertical stripes on seaward side, octagonal wood.	45	1865	Hand horn answers signals from vessels.	Visible around horizon.....	349
Red steel cylindrical buoy, with "Egg Island" in white letters on the deck, surmounted by a pyramidal steel frame supporting a whistle and a lantern.	.....	1893 Gas 1906	Whistle sounded by action of waves.	From the buoy, Jeddore lighthouse bears N.W. $\frac{1}{2}$ N., $9\frac{1}{4}$ miles. The buoy is a leading or fairway buoy for vessels seeking the entrance to Halifax Harbour.	350
Black iron buoy, with "Ship Harbour" in white letters on the side, surmounted by a 10-inch whistle.	.....	1905	Whistle sounded by motion of the buoy on the waves.	.....	351
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 $1\frac{1}{2}$ miles, and Maloney Rock N. $\frac{3}{4}$ W. distant 2 miles.	355
Red and black vertical striped steel cylindrical buoy, surmounted by a pyramidal steel frame supporting a whistle and a lantern.	.....	1885 Gas 1906	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

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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.
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
366	MARY-JOSEPH.....	On Thrumcap Islet....	44 57 34	62 2 13	F. white.....	D, 7..	40	11
367	LISCOMB FAIRWAY GAS AND WHISTLING BUOY.	In 23 fathoms off Liscomb Island.	44 55 6	61 54 15	Occ. white.....	D, gas	30	....
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
72	BUDGET.....	On extremity of shoal, St. Mary River.	45 3 12	61 53 38	F. red.....	D, 7..	23	6
374	PORT BICKERTON....	Near western extremity of Barachois point.	45 5 30	61 42 4	F. white.....	D, 6..	43	7
375	FISHERMAN HARBOUR.	Western extremity of Shingle Beach on S. side of harbour.	45 6 45	61 40 33	F. red.....	D, 7..	25	6
376	ISAAC HARBOUR GAS AND 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	.....	.....	.....	.....

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 red vertical stripes.	35	1846	.....	On dwelling .....	363
Lantern on mast, with white shed at base.	25	1887	.....	.....	364
Lantern rising from red roof of white, square wooden dwelling.	36	1905	Hand horn answers signals from vessels.	Visible from all points of approach.	366
Steel cylindrical buoy, alternate black and white vertical stripes, with "Liscomb" in white, surmounted by a pyramidal steel frame supporting a whistle and a lantern.	.....	1899 Gas 1906	.....	Liscomb Light bears N. $\frac{3}{4}$ W. 5 miles; and Wedge Island Light N.E. $\frac{1}{4}$ N. 5 $\frac{1}{2}$ miles.	367
White, square, wood..	28	1872	.....	.....	368
White, square, wood, with dwelling attached.	44	1879	Hand horn answers signals from vessels.	.....	371
White, square, wood, on cribwork pier with cutwater on upstream end.	23	1905	.....	Visible from all points of approach by water.	372
White, square, wood..	23	1901	.....	Visible from all points of approach by water.	374
White, square, wood..	27	1905	.....	Visible from all points of approach by water.	375
Red steel cylindrical buoy, with "Isaac Harbour" in white, surmounted by a pyramidal steel frame supporting a whistle and a lantern.	.....	1891 Gas 1906	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. $\frac{1}{4}$ N., 3 $\frac{1}{2}$ miles; W. tangent of Barachois Head in line with Middle Ledge or South-easter, bears N. W. $\frac{1}{4}$ N., 7 $\frac{1}{2}$ 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 with two red horizontal bands, 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

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.
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. $\frac{1}{2}$ W. from front light.			F. white.....	C....	51	3
385		{ 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	COLE HARBOUR....	{ 650 feet N. 33° E. from front light.			F. red.....	C....	107	10
388	PORT FELIX.....	S.E. end of Hog Island	45 13 54	61 13 0	F. white.....	D, 7..	42	8
389	FLYING POINT SHOALS BELL BUOY.	Off western side of one-fathom patch on northern contour of shoals.	45 12 52	61 12 36	.....	.....	.....	.....
390	THREE TOP ISLAND.	S.E. point of island, entrance to Whitehaven.	45 12 40	61 9 40	F. white.....	C....	48	11
391	SOUTHWEST BULL BELL BUOY.	In 10 fathoms 1 cable S.E. from Southwest Bull rock.	45 11 22	61 8 18	.....	.....	.....	.....
392	WHITEHEAD ISLAND.	S.W. extremity of island, Guysborough County.	45 12 0	61 8 15	Rev. white, 20 seconds, 10 seconds flash, 10 seconds eclipse.	C....	55	11
393	WHITEHEAD GAS AND WHISTLING BUOY.	In 30 fathoms, $2\frac{1}{2}$ miles S. by W. from Whitehead island lighthouse.	45 9 35	61 7 18	Occ. white . . . .	D, gas	30	.....
394	WHITE POINT LEDGES WHISTLING BUOY.	In 26 fathoms, $\frac{1}{2}$ mile S. from White Rock shoal,	45 13 52	60 58 0	.....	.....	.....	.....



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 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
White, square, wood..	33	1898	.....	After passing Berry Head, the lights in one lead into Cole Harbour to the westward and clear of	385
White, square, wood..	33	1898	.....	Topsham ledge and Seal Rocks.	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
Red iron buoy, with "Flying Pt." in white letters on the deck, surmounted by a bell.	.....	1906	Bell rung by motion of buoy on the waves.	Vessels bound for Port Felix leave this buoy on the starboard hand when passing.	389
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
Black iron buoy, surmounted by a bell.	.....	1905	Bell rung by motion of buoy on the waves.	.....	391
White with two red vertical stripes, pyramidal, wood, octagonal lantern.	35	1854	Hand horn answers signals from vessels.	Life-boat station on Deming Point, western entrance to Whitehead.	392
Steel cylindrical buoy, painted in alternate white and black vertical stripes, with "Whitehead" in black and white letters on the side, surmounted by a pyramidal steel frame supporting a whistle and a lantern.	.....	1901 Gas 1906	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. 5° E. from the buoy; this will lead 2½ cables to eastward of S.W. Bull rock.	393
Black iron buoy, with "White Pt." in white letters on the side, surmounted by a whistle.	.....	1906	Whistle sounded by action of the waves.	.....	394

## NOVA

## 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.	
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		EAST END.....	5 miles southwestwardly of extremity of northeast dry spit.	43 58 22	59 44 2	F. white.....	D. 2..	128	17
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.	North 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	
401	GRIME SHOAL GAS AND WHISTLING BUOY.	In 20 fathoms, 1½ miles E.S.E. of shoal.	45 21 13	60 50 45	Occ. white.....	D, gas	30	.....	
02		S. of Lanigan beach, near S. entrance to harbour.	45 20 4	60 58 30	F. red.....	C.....	46	8	
403	CANSO RANGE.....	Back light 1256 feet N. 70° W. from front light.	.....	.....	F. red.....	D, 7..	108	10	
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	

SCOTIA—Continued.

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, 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. Wireless telegraph station near main station.	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. $\frac{1}{2}$ N. course will lead up to, and about $\frac{1}{4}$ a cable to eastward of, Man of War Rock, distant $2\frac{1}{2}$ miles.	399
Red and white horizontal bands, octagonal, rising above the roof of a white dwelling, with red roof, attached. White square wooden fog-alarm building with red roof.	78	1815 reb'lt 1883 Fog alarm 1864	Diaphone, operated by compressed air, sounds a blast of 7 secs. in each minute.	Upper light visible all round, lower one does not show to vessels passing between it and coast. Fog alarm building on summit of souther part of island. Horn, elevated 29 feet above high water mark, points S. $22\frac{1}{2}$ ° E.	400
Black steel cylindrical buoy, surmounted by a pyramidal steel frame supporting a whistle and a lantern.	.....	1880 Gas 1906	Whistle sounded by action of the waves.	.....	401
White, square, wood..	32	1905	.....	Front light visible in line of range; back light visible from all points of approach by water. Lights in one bearing N. $70$ ° W. lead into S. entrance of Canso Harbour, between Fryine Pan and Budget Rock, and S. of the shoals off Petit Pas Head and Grassy Island.	402
White, square, wood..	44	1905	.....	The light on Hart or Cutler Island and the back range light in one bearing S. $5\frac{1}{2}$ ° W. lead in up to Hart Island light, between Net Rocks and Whitman Rock on the starboard hand and Bald Rock on the port hand.	403
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

NOVA

## 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.
406	CANSO HARBOUR FAIRWAY BELL BUOY.	Off N. entrance in 13 fathoms. $\frac{3}{8}$ mile N. 13° E. from Hart Island light.	45 21 36	60 59 23	.....	.....	.....	.....
408	QUEENSPORT.....	On Rook Island, Chedabucto Bay.	45 21 56	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.....	D, 5..	38	11
	CERBERUS ROCK ...	See below No. 425.						
411	EDDY POINT....	Or Sand Point, S. entrance of Gut of Canso.	45 31 30	61 14 40	F. white.. ..	D, 5..	55	12
413	BEAR ISLAND...	On middle of island...	45 33 16	61 17 15	F. red.....	D, 6..	42	8
414	POINT TUPPER..	Ship Harbour, or Port Hawkesbury.	45 36 30	61 22 0	F. red.....	C .....	54	8
416	M C M I L L A N POINT.	On southwestern extremity of point.	45 38 57	61 24 33	F. white.....	D, 7..	44	12

GUT OF CANSO.

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, 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
Lantern rising from red roof of white square wooden dwelling.	35	1846 reb't 1905	Hand horn answers signals from vessels.	Visible from all points of approach by water.	409
White, with black diamond on seaward face. Square, wood, iron lantern painted red. Dwelling attached.	44	1851 chan- ged 1895	Hand horn answers signals from vessels.	.....	411
Lantern rising from red roof of white square wooden dwelling.	35	1906	.....	Visible from all points of approach by water.	413
White, square, wood, with dwelling attached.	34	1870	.....	.....	414
White, square, wood..	32	1905	.....	Visible from all points of approach by water.	416

## 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.
418	CRICHTON HEAD	On the N. extremity...	45 30 40	61 6 0	Rev. white, 40 seconds.	C....	29	10
	NORTH CANSO..	See below, No. 555.						
419		Front light on inner end of beach on N. side of harbour.	45 31 24	61 5 17	F. red.....	C....	29	7
420	WEST ARICHA T	Back light on shore of mainland, 1,800 feet N. 86° E. from front light.	.....	.....	F. white.....	C....	37	8
421	JERSEYMAN ISLAND.	On Beach Point, Arichat Harbour.	45 30 20	61 3 10	F. red.....	D, 7..	39	11
424	ARICHA T.....	Marache Point, S. entrance to Arichat Harbour.	45 29 0	61 1 50	F. white.....	C....	34	8
425	CERBERUS ROCK GAS AND WHISTLING BUOY.	In 22 fathoms, $\frac{1}{2}$ mile southward from middle of rock.	45 27 46	61 6 6	Occ. red.....	D, gas.....	.....	.....
427	PETITDEGRAT BELL BUOY.	In 7 fathoms, in Petitdegrat Inlet, $\frac{1}{2}$ mile S. 84° W. from Big Arrow Rock.	45 29 12	60 58 8	.....	.....	.....	.....
428	PETITDEGRAT ...	On Mouse Island, Petitdegrat Inlet.	45 29 54	60 57 24	F. red.....	D, 7..	38	7
429	GREEN ISLAND..	Summit of island.....	45 28 50	60 53 40	Alt. red and white, 45 seconds.	C....	70	14
429 $\frac{1}{2}$	BEAK POINT SHOAL WHISTLING BUOY.	In 8 fathoms, off eastern side of shoal.	45 33 18	60 50 43	.....	.....	.....	.....
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 $0\frac{1}{4}$ sec.	D, 5..	92	15
432	GRANDE DIGUE..	On beach, near wharf, Lennox Passage.	45 35 51	61 1 5	In every $7\frac{1}{2}$ sec. 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

MADAME ISLAND.

LENNOX PASSAGE.

SCOTIA—Continued.

ISLAND.

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	1874	.....	For guiding vessels into Little or West Arichat.	418
White, square, wood..	27	1904	.....	Lights visible in the line of range..	419
White, square, wood..	33	1904	.....		
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
Red steel cylindrical buoy, with "Cerberus" in white letters on the deck, surmounted by a pyramidal steel frame supporting a whistle and a lantern.	.....	1907	The whistle is sounded by the motion of the buoy on the waves.	.....	425
Iron buoy, black and white vertical stripes, surmounted by a bell.	.....	1905	Bell rung by motion of buoy on the waves.	From the buoy a N. 57° E. course leads well to westward of Big Arrow Rock and the light on Mouse Island, to the anchorage in Petitdegat Harbour.	427
White, square, wood, dwelling attached.	31	1877	.....	Visible from all points of approach by water.	428
White, square, wood, light in centre of keeper's dwelling.	31	1865	.....	Visible around horizon.....	429
Black iron buoy, with "Beak Pt. Shoal" in white letters on the side, surmounted by a 10-inch whistle.	.....	1905	Whistle is sounded by the motion of the buoy on the waves.	.....	429½
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

## 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.
437	BOURGEOIS 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 12½ fms. off Fourché Inlet, ½ mile S. from extremity of Fourché Head.	45 43 15	60 13 10	.....	.....	.....	.....
447	GUION ISLAND.....	About 230 yards from W. end of Island.	45 46 10	60 6 30	Rev. red, 30 secs..	C.....	74	12
448	GUION ISLAND GAS AND WHISTLING BUOY.	In 25 fathoms, 1½ miles S.E. from Bullrock.	45 46 36	60 2 13	Occ. white.....	D, gas	30	.....
449	GABARUS.....	On Harbour Point, S. shore of bay.	45 50 40	60 8 30	F. red ..	D, 7..	47	8
451	LOUISBURG GAS AND WHISTLING BUOY.	In 36 fms., 3 miles S.E. by S. ½ S. from Louisburg light.	45 52 43	59 53 44	Occ. white.....	D, gas	30	...
452	LOUISBURG BELL BUOY.	In 13 fathoms 1½ cables E. from centre of Harbour 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

LOUISBURG HARBOUR.



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..	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
White with two red vertical stripes, square, wood, dwelling attached.	54	1877	.....	.....	447
Black steel cylindrical buoy, with "Guion Id." in white letters on side, surmounted by a pyramidal steel frame supporting a whistle and a lantern.	.....	1904 Gas 1906	Whistle sounded by action of waves.	From the buoy, Guion Island light bears N. 73° W. 3 miles; and Cape Gabarus N. 1° W. 3 miles.	448
White, hexagonal, wood, iron lantern red.	32	1890	.....	Visible from all points of approach.	449
Red steel cylindrical buoy, surmounted by a pyramidal steel frame supporting a whistle and a lantern.	.....	1881 Gas 1906	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. $\frac{1}{8}$ 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

## 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.
454	LOUISBERG 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° 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° 45' E. from front light.	.....	.....	F. red, electric....	.....	85	5
459	LITTLE LORRAINE....	Extremity of W. headland at entrance to harbour.	45 57 15	59 51 20	F. white.....	D, 6..	76	9
461	BAR REEF WHISTLING BUOY.	In 12 fathoms, $\frac{1}{8}$ mile S. 67½° E. from Helen rock at the eastern extremity of reef.	45 59 17	59 46 54	.....	.....	.....	.....
462	MAINADIEU.....	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 1½ minutes; visible a minute, eclipse half a minute.	C....	90	15
466	COW REEF BELLBUOY	In 8 fathoms, $\frac{1}{8}$ mile S. 22½° E. from reef.	46 9 48	59 48 50	.....	.....	.....	.....
467	FLINT HEAD.....	On Island.....	46 11 0	59 45 55	Rev. white, 15 secs.	C....	65	12
468	} GLACE BAY.....	Range lights to be established.	.....	.....	.....	.....	.....	.....
469			.....	.....	.....	.....	.....	.....
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

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..	28	1897	.....	The two lights in one lead into the S.W. arm clear of all dangers.	454
White, square, wood..	28	1897	.....		455
Lantern 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
Black iron buoy, with "Bar Reef" in white letters on the deck, surmounted by a whistle.	.....	1906	Whistle sounded by motion of buoy on the waves.	.....	461
White, square, wood, dwelling attached.	40	1871	Hand horn answers signals from vessels.	.....	462
White, octagonal, wood, roof of iron lantern red. White wooden dwelling with brown roof, W. of tower.	70	1839	Diaphone, operated by compressed air, gives 2 blasts of 3 seconds' duration each every minute, thus: blast 3 secs.; silent 10 secs.; blast 3 secs.; silent interval 44 secs.	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 1½ miles. Lifeboat station.	464
Red iron buoy, with "Cow Reef" in white letters on the deck, surmounted by a bell.	.....	1906	Bell rung by motion of buoy on the waves.	.....	466
White, octagonal, wood dwelling near by.	43	1856	.....	Visible around horizon.....	467
.....	.....	.....	.....	.....	{ 468 469
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

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.	
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.							
474	SYDNEY RANGE ...	Front light on point, S. side of W. Arm of Sydney Harbour, one mile W. of Edward Point.	46 11 3	60 14 51	F. white.....	C.....	59	13	
475		Back light $\frac{1}{2}$ mile S. 59° W. from front light.			F. white.....	C.....	120	17	
477	POINT ACONI WHISTLING BUOY.	In 15 fathoms, about $1\frac{1}{4}$ 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. 55° 15' W. from front light.			F. white.....	C.....	63	13
484		McNEIL BEACH.	On N. side of Boularderie Island.	46 13 55	60 29 15	F. red.....	D, p...	33	8
486	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	ST. PATRICK CHANNEL	KIDSTON ISLAND	On N.E. point, at entrance to Baddeck Harbour.	46 5 58	60 44 20	F. red.....	C.....	31	7
493		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, square, wood, dwelling attached.	20	1872	.....	Roman Catholic Church near N.W. Bar, bears N. W. $\frac{3}{4}$ N. 1 $\frac{1}{2}$ miles, and that near Gillivray Point E. N.E. easterly.	472
.....	.....	.....	.....	.....	473
White, octagonal, wood; red, polygonal iron lantern.	53	1905	.....	Lights visible in, and over a small arc on each side of the line of range. Lights in one, bearing S. 59° W., lead in clear between the N.W., and S.E. bars.	474
White, square, wood..	38	1905	.....		475
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. 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.	482
White, square, wood..	46	1903	.....		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	.....	.....	49

## 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	BARRA STRAIT.	IONA.....	45 57 54	60 48 2	F. white.....	D, 6..	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		GREAT BRAS D'OR LAKE.	CAMPBELL ISLAND.	45 54 46	60 55 54	F. white....	D. p..	30	10
505	CLARKE COVE...		Front light on N. side of Cove, N. side of West Bay.	45 49 35	61 1 47	F. red.....	C.....	46	8
506			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	ST. PETER INLET	FREESTONE ISLET	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	5
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, $\frac{1}{2}$ mile from N. end.	46 23 10	60 22 30	Rev. red, 1 minute	C.....	77	14	

SCOTIA—Continued.

ISLAND—Continued.

Miles seen in clear weather.

14  
10  
...  
11  
10  
8  
11  
8  
10  
7  
5  
5  
14

	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 ch'ged 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

## 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.
521	ST. ANN HARBOUR.	On S. point of beach	46 17 45	60 32 25	F. white.....	C....	41	8
522	MUNRO POINT.....	On southeast extremity of point, St. Ann harbour.	46 15 22	60 35 22	Fred.....	D, 7..	67	9
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. Back range, 740 feet S. 50° E. from front light.	46 39 20	60 59 50	F. white.....	D, 6..	52	8
535					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					F. white.....	C....	62	13



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	1871 reb'lt 1881	.....	To mark entrance to harbour .....	521
White, square, wood..	32	1906	.....	Visible from all points of approach by water.	522
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. $\frac{1}{2}$ N. through S. to E. $\frac{1}{2}$ 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 chan- ged 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 chan- ged 1894	.....		537

## 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.
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
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

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, 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 breakwater, on S.W. side of the mouth.	542
White, square, wood..	33	1900	.....		543
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.	544
Mast, with white shed at base.	20	1884	.....	The two, in range, lead through the dredged channel up to breakwater.	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. $\frac{3}{4}$ 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

## 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.
		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. $\frac{1}{4}$ 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
564	PICTOU ISLAND WEST WHARF.	On top of bank near wharf.	45 48 15	62 34 30	F. white.....	D, 6..	32	10
565	PICTOU ISLAND, EAST END.	S.E. point.....	45 49 10	62 30 30	Fl. white..... Flash 1 sec. Eclipse 4 secs.	D, 4..	52	12
566	PICTOU ISLAND, WEST END.	On W. point of island..	45 48 27	62 35 43	Rev. white, 20 sec.	C.....	61	13
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	FRASERS FARM....	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		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 0	62 42 0	{ F. red, from E. side of tower. F. white, from S. face of tower.	{ C electric, incandescent.	60	8

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, 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..	26	1907	.....	Visible from all points of approach by water.	564
White, square, wood..	32	1853	.....	Lifeboat station about $\frac{1}{4}$ mile E. of light.	565
White, octagonal, wood; red, polygonal iron lantern.	9	1905	.....	Light visible from all points of approach by water except where hidden by trees and high land on the island to the eastward.	566
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	.....		569
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. $\frac{1}{2}$ S. course will lead to safe anchorage in the harbour.	570

## 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.
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	MULLINS POINT...	N. side of entrance to Wallace Harbour.	45 49 45	63 25 5	F. white.....	C....	39	11
579		1,473 feet N.W. $\frac{3}{4}$ W. from front light.			F. red.....	C....	82	8
580	WALLACE HARBOUR.	Front light on N.E. extremity of Macfarlane Point.	45 49 0	63 27 25	F. red.....	C ...	41	4
581		Back light 1,860 feet N. 80° W. from front light.			F. red.....	C....	100	4
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 5	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—*Concluded.*

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..	26	1868	.....	.....	573
White, square, wood, lantern on roof of dwelling.	26	1886	.....	Visible around horizon.....	576
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	.....		579
White, square, wood..	30	1904	.....	} Lights visible in, and over a small arc on each side of, the line of range. Vessels entering harbour should keep alignment of Mullins Point range till they reach alignment of Macfarlane Point range lights, which they should keep, bearing N. 80° W. until they reach buoy No. 7 on S. extremity of middle ground.	580
White, square, wood..	45	1904	.....		581
White, square, wood..	44	1871	.....	Shows a white light towards harbour, red seaward.	584
White, with iron lantern red, square, wood.	36	1890	.....	.....	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 NE'ward.	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. Andrew 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 5 seconds every minute.	Visible from S.E. by S. through W. to E. by N. & 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 1991	.....		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 mark.	Miles seen in clear weather.
691	GEORGETOWN WHARF.	On outer end of railway wharf.	46 10 45	62 31 50	F. red.....	.....	23	2
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. breakwater, 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
706	PRIM REEFS BELL BUOY.	In 5 fathoms, on western extreme of reefs.	46 3 22	63 5 22	.....	.....	.....	.....

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 wooden lantern on roof of red coal shed.	.....	1906	.....	Vessels entering the port will keep the Georgetown range lights in one until Georgetown wharf opens; when they should steer direct for it, N. 15° W.; this will clear Thruncep Spit and lead to head of the railway wharf.	691
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. ¾ E. from bell buoy harbourward.	705
Red iron buoy, with "Point Prim Reef" in white letters on the deck, surmounted by a bell.	.....	1906	Bell rung by motion of buoy on the waves.	Moored 2½ miles N. 66° W. from point Prim light.	706

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.	
708	ORWELL. DOUSE POINT RANGE.	On Douse Point north of Muttock 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		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 GAS AND WHISTLING BUOY.	In 6 fathoms, west of shoalest part.	46 7 24	63 6 16	Occ. white	D, gas			
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	
720 721	WARREN FARM.	Range lights to be established.							
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, G.	70	14	

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..	16	1898	.....	To enter Orwell River bring Douse Point lights in one N. E. by E. $\frac{1}{2}$ 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. $\frac{1}{4}$ 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 mov'd 1898	.....		710
White, square, wood..	15	1898	.....		711
Red steel cylindrical buoy, surmounted by a pyramidal steel frame supporting a whistle and a lantern.	.....	1875 gas and whistling 1905	Whistle sounded by the motion of the buoy on the waves.	This buoy is $4\frac{1}{2}$ miles N. $14^{\circ}$ E. from Point Prim buoy. Removed between 10th and 18th Nov. each year and replaced as soon as ice allows in the spring.	713
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 Gas and Whistling 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 reb't 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 reb't 1900	.....	Alignment to be taken where it intersects Haszard point alignment about $\frac{1}{2}$ mile S. of St. Peter Spit Buoy, and followed due North to Causeau Point, whence the course up the harbour can be judged by the town lights.	719
.....	.....	.....	.....	.....	720 721
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

PRINCE EDWARD  
STRAIT OF NORTNUM

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.	
724	LEARDS RANGE	West end of bridge, at head of harbour.	46 13 15	63 29 10	F. white.....	C.....	41	6	
725		Inner range light, about $\frac{1}{2}$ mile N. from outer one.			F. white.....	C.....	95	8	
726		WRIGHTS RANGE..	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			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	
731	TRYON SHOAL WHISTLING BUOY..	In $5\frac{1}{2}$ 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	Fl. white..... Flash '64 secs. Eclipse 1' 86 " Flash '64 " Eclipse 6' 86 "	D, 4..	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 In every 10 " 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 $\frac{1}{4}$ mile E. $\frac{1}{2}$ S. from front light.	46 23 45	63 46 13	F. red.....	C.....	65	8	
738	MISCOUCHE SHOAL GAS BUOY.	In $3\frac{1}{2}$ fathoms, at south-eastern end of shoal.	46 21 0	63 51 34	Occ. red.....	D, gas.....			

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, with red diamond on side facing channel, square, wood	38	Tower built 1879		Light visible from all points of approach.	724
White, square, wood, open-framed tower; slatted on side facing line of range.	46	1878 mov'd 1901		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. $\frac{1}{2}$ N. until the red light on Palmers Wharf is in alignment with the front light of Leards range.	725
Lantern on a mast rising from a square shed, painted white, surmounted by triangular slatted beacon.	11	1894		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.	726
White, square, open-framed tower, slatted on side facing line of range. Lantern red.	27	1894			727
Lantern on mast. . . . .	18	1894			728
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. $\frac{1}{2}$ E., 5 $\frac{1}{4}$ miles, just open of range light on point and Carleton Point N. N. W. $\frac{1}{2}$ W., 9 $\frac{3}{4}$ 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. $\frac{1}{2}$ N. and E. S. E. over Miscouche Shoals only.	735
Square tower on roof of railway freight shed.	30	1856 re-built 1877			736
White, square, wood.	56	1895		After Indian point light is abeam haul in E. by S. until range lights are in one and keep alignment up to railway wharf.	737
Black steel cylindrical buoy, surmounted by a pyramidal steel frame supporting a lantern.	.....	1906		From the buoy, Sea Cow head bears S. 25° E. 3 miles; and Indian point light house bears N. 67 $\frac{1}{2}$ ° E. 2 $\frac{3}{4}$ miles.	738

## 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.
741	CAPE EGMONT.....	On point.....	46 24 20	64 7 45	Fl. white..... Flash 1 secs. Eclipse 4 "	D, 4..	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 min- utes.	C.....	66	13
744	WEST POINT WHIST- LING 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 en- trance to pond.	46 53 10	64 14 0	F. red and white..	C and D, p.	17	6
	MIMINEGASH.....							
748		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 vane.	When established.	Fog-Signal.	Remarks.	No.
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° E. round through E. to S. 22½° E. covering Miminegash Reef, and white from S. 22½° E. round through S. to S. 41° 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° E. round through E. and S. to S. 41° W. The lights in line bearing S. 11° 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		40 feet from outer end of breakwater.	46 26 40	62 44 50	F. white.....	C.....	34	6
756	ST. PETERS.....	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		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
	COVE HEAD.....							
768		Back light, 600 feet from front.	.....	.....	F. white.....	C.....	25	3
770		Front range light on W. side of entrance to harbour.	46 27 43	63 17 14	F. red.....	C.....	22	5
771	NORTH OR GRAND RUSTICO.	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		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
	NEW LONDON RANGE.							
776		Main light on beach 1,500 feet S. W. of front range light.	.....	.....	F. red.....	C.....	45	7
777	CAPE TRYON.....	On the extremity of the cape.	46 32 29	63 30 17	Fl. white..... Flash '64 secs. Eclipse 4'36 "	D, 4..	106	16

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 erect- ed 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	.....		
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. Not more than 5 feet water on bar. Position of both towers liable to be changed to suit shifting of the channel.	763
White, square, wood..	26	1876 mov'd 1894	.....		
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	.....		
Lantern on mast .....	20	1884	.....	The two red lights in one bearing S.W. by W. $\frac{1}{2}$ W. lead over bar outside mouth of harbour in best water and clear of breakwater.	770
Lantern on mast .....	38	1899	.....		
White, square, wood, with dwelling attached.	35	1876 mov'd 1899	.....	Coast light. Visible from all points of approach by water.	772
White, square, wood, open framework below, brown.	21	1879	.....	Front light visible in and over a small arc on each side of the line of range. Lights in one mark the channel over the bar. Outer range light liable to be moved to suit shifting of the channel. Strangers should take a pilot to enter.	774
White, square, wood, with dwelling attached. Iron lantern brown.	35	1876	.....		
White, rectangular, wood; red, octagonal iron lantern on north end of roof.	37	1905	.....	Visible from all points of approach by water.	777

## 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, $6\frac{1}{4}$ 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. $\frac{1}{2}$ 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. $\frac{1}{2}$ W. between the break-waters.	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 W. side of freight shed on S.E. corner of pier.	46 8 8	63 46 22	F. white.....	D, 7...	28	7
817		Back light on shore near inner end of pier, 2,425 feet S. 87° W. from front light.	.....	.....	F. white.....	C.....	34	7
818	JOURMAIN.....	On east end of island...	46 9 42	63 48 20	Rev. white, 10 seconds.	C.....	72	14
821	ZEPHYR ROCK GAS BUOY.	In 19 feet, 2 cables N. 22° E. of Zephyr Rock, off Pointe du Chêne.	46 16 30	64 30 00	Occ. white.....	D, gas.....	.....	.....
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
Lantern on a mast on W. side of unpainted wooden freight shed.	....	1901	Bell rung by hand on E. end of small building, 297 feet inside N.E. corner of pier.		816
Slown from cupola of drab wooden iceboat house.	40	1901	.....	Front light visible from all points of approach; back light visible from all points by water S. of Jourimain Island shoal. The lights in one bearing S. 87° W. lead in to the pier head clear of S. end of Jourimain Island shoal.	817
White, octagonal, wood.	45	1870 ch'ged 1878	.....	Visible over an arc of 229° 47' from S. 54° 47' E. round by W. to N. 5° W.	818
Black steel cylindrical buoy, surmounted by a pyramidal steel frame supporting a lantern.	.....	1899 gas buoy 1905	.....	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 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.
831	CASSIE POINT.	On point	46 19 24	64 30 40	Rev. white, 30 seconds.	C	47	12
832 833	COCAGNE	Range lights to be established.						
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
842 $\frac{1}{2}$	RICHIBUCTO BELL BUOY.	In 5 fathoms, outside bar at entrance to harbour, about one mile N. 45° E. from front light of Bar Range.	46 43 34	64 45 27				
843	RICHIBUCTO HARBOUR. BAR RANGE.	Front light on N. side of S. beach at entrance.	46 42 37	64 45 57	F. white	D, 7.	35	11
844		Back light, 217 feet S. 45° W. from front light.			F. white	D, 7.	44	12
845	RICHIBUCTO HARBOUR. CHANNEL RANGE.	On western end of south beach.	46 42 45	64 47 46	F. white	D, 7.	27	5
846		Back light 472 feet N. 73° W. from front.			F. white	D, 7.	32	5
847		Front light on S. end of N. beach.	46 45 21	64 50 38	F. white	D, p.	29	10
848	BLACK LANDS GULLY.	Back light, 137 feet N. W. from front light.			F. white	D, p.	42	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, with dwelling attached.	27	1872	Hand-horn answers signals from vessels.		831
					832
					833
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. 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.	837
White, square, wood, with red roof.	23	1883			838
White, square, wood..	50	1864			842
Black iron buoy, surmounted by a bell.		1905	Bell rung by motion of buoy on the waves.	In the alignment of the Bar Range lights.	842½
Lantern on a mast....	26	1879 mov'd 1905		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 ¼ mile till the first black spar buoy is reached. From this point the channel is tortuous and is marked by buoys.	843
Lantern on a mast....	40	1879 mov'd 1905			844
Lantern on a mast, with white shed at base.	30	1901		The bar and channel range lights, and the buoys at entrance to harbour, are located, at opening of navigation each year, in positions to suit the shifting of the channel.	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

## 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.
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
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. $\frac{3}{4}$ 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. $\frac{3}{4}$ W. from No. 1.	47 7 52	65 2 15	F. white.....	D, 7..	36	8
866	MIRAMICHI BAY AND RIVER. HORSESHOE BAR EAST GAS BOY.	In $3\frac{1}{2}$ fathoms, $\frac{3}{8}$ mile N. $83^{\circ}$ E. of Miramichi Bay lightship.	47 8 32	65 3 9	Occ. white.....	D, gas .....		
867	PORTAGE ISLAND.	Near S. point of Island	47 9 45	65 2 38	F. white.....	C.....	45	12
868	MIRAMICHI BAY HORSESHOE BAR WEST GAS BOY.	In $3\frac{1}{2}$ fathoms, $\frac{1}{4}$ mile N. $79^{\circ}$ E. of Miramichi Bay lightship.	47 8 21	65 3 40	Occ. white .....	D, gas .....		
869	MIRAMICHI BAY LIGHTSHIP.	Horseshoe Bar, between Fox and Portage Islands. In $3\frac{1}{2}$ fathoms, 500 feet west of bar.	47 8 14	65 3 55	Two F. red (a lantern at each mast-head.	D, 7..	43	8

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.
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
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	} 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	1898			859
White, skeleton, slatted on seaward face, wood.	46	} 1872 changed 1891	}	} 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				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
Red steel cylindrical buoy, surmounted by a pyramidal steel frame supporting a lantern.	..	1906			866
White, square, wood, with dwelling near.	42	1869	Hand horn answers signals from vessels.		867
Red steel cylindrical buoy, surmounted by a pyramidal steel frame supporting a lantern.	....	1906			868
A wooden schooner rigged vessel, hull red, with "Miramichi Bay No. 2" in white letters on each side.	.....	1873	Hand horn answers signals from vessels.		869

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.
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 point, $\frac{1}{4}$ mile below Oak point, N. side of river.	47 7 22	65 15 42	F. white.....	D, 7..	45	12
875	OAK POINT BACK.	On bank of river 1,800 feet N. 55° E. from front light.			F. white.....	D, 7..	60	12
876	SHELDRAKE ISLAND.	On E. end of Island...	47 5 30	65 19 0	F. white.....	D, 7..	45	12
877		Near west end of Island, about 1,165 feet W. of front light.			F. white.....	D, 7..	35	10
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 River.....	47 3 28	65 27 0	F. white.....	D, 7..	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
884	NORTH WEST BRANCH OF MIRAMICHI RIVER BRIDGE.	$\frac{1}{4}$ mile W. of Beaubère Point.	46 58 11	65 35 39	F. red.....	D.....		
887	HAY ISLAND..	Near east end of Island.	47 13 54	65 3 46	F. white.....	C....	23	10
888		224 feet W. $\frac{1}{4}$ 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

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.
Lantern on mast, red shed at base.	25	1882	.....	} Range lights.	871
Lantern on mast, red shed at base.	30	1882	.....		872
White, square, wood ..	33	1869 tower 1904	.....	} Lights visible from all points of approach in the river and bay. Lights in one astern lead up from intersection of their alignment with that of Sheldrake island range on a course of S. 55° W. to conical buoy at narrows of Sheldrake channel.	874
White, square, wood ..	53	1869 tower 1904	.....		875
Mast, with shed at base.	46	1869	.....	} Alignment leads up Oak Channel to intersection with Oak Point range	876
Mast with shed at base.	39	1869	.....		877
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 a mast on W. side of abutment at S. end of draw span.	.....	1904	.....		884
White, square, wood, roof red.	19	1881 tower 1905	.....	} 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

## 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.
892	NEGUAC .....	On N.E. side of gully...	47 14 40	63 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 56	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
901	POKEMOCHE .....	On beach, N. side of gully.	47 40 10	64 46 0	F. green.....	C .....	35	8
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 sand bar, E. side of S. entrance to Shippigan Gully.	47 43 35	64 38 56	F. white.....	D, 4..	53	12
910	MISCOU GULLY....	On N. side of E. entrance to Little Shippigan.	47 53 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 1½ minutes.	C .....	79	14



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.
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.	897
White, square, wood..	33	1875 mov'd 1896	.....	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.	898
White, square, wood, with dwelling attached.	37	1876	.....	Coast light, and as a guide into the gully for those who know the local conditions.	901
Lantern on a mast, with small shed at base, red.	27	1889	.....	Visible in the line of range.....	905
Lantern on a mast, with small shed at base, white.	46	1889	.....	Alignment leads to mid-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, octagonal, wood, on square cribwork foundation; red octagonal iron lantern.	51	1872 re-mov'd 1880 reb't 1905	Hand horn answers signals from vessels.	Visible from all points of approach.	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.	Connected by telephone with telegraph system. Whistle established in 1875, situated 107 yards E. from lighthouse.	911

## 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.
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
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, 7..	30	10
930	BATHURST .....	On Caron Point.....	47 39 20	65 36 40	F. white.....	D, 7..	31	10
931		360 feet N. 51½° E. from front light.	.....	.....	F. red.....	C.....	43	8
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

CHALEUR BAY.

WICK—*Concluded.*

LAWRENCE—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vanc.	When established.	Fog-Signal.	Remarks.	No.
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
White, square tower on dwelling.	43	1870	.....	.....	922
White, square, wood..	37	1885	.....	.....	924
White, square, wood..	22	1890	.....	Visible from all points of approach. 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 marking 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'lt 1873	.....		931
White, square, wood..	31	1879	.....	.....	935
Mast, with white shed at base.	39	1884	.....	Visible from all points of approach by water.	936

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.
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 N. point of island..	48 4 34	66 21 37	Fl. white, one flash every 7½ seconds.	D, 5..	63	13	
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	
946½	POINT LANIM EAST GAS BUOY.	.....	48 4 36	66 27 24	Occ. red.....	D, gas.....	.....	.....	
947	CAMPBELLTON RANGE LIGHTS	Pier beside railway wharf, Restigouche River.	48 0 50	66 39 55	F. red.....	C .....	26	9	
948		On cribwork block on Kilgour Shives wharf, 1,238 ft., S. 83° 30' W. from front light.	.....	.....	F. red.....	C .....	39	9	

CHALEUR BAY.

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, wood..	20	1875	.....	Visible from all points seaward....	938
White, square, wood..	33	1870	.....	Seen from all points of approach...	941
White, octagonal wood ; red, octagonal iron lantern.	53	1886 reb't 1905	.....	Visible from all points of approach by water.	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.....
Black steel cylindrical buoy, surmounted by a pyramidal steel frame supporting a lantern.	..	1907	.....	.....	946½
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
962½	OAK POINT GAS BUOY.	In 14 feet, off the point.	48 2 25	66 36 50	Occ. white.....	D, gas.....		
962½	BATTERY POINT GAS BUOY.		48 3 0	66 33 50	Occ. white.....	D, gas.....		
963	GARDE POINTE LIGHT BOAT.	Off Garde Pointe, Restigouche River.	48 2 27	66 33 7	F. white.....	D, p..	18	8
963½	GARDE POINTE GAS BUOY.	In 31 feet, off the point.	48 4 2	66 31 0	Occ. white.....	D, gas.....		
963½	POINT LANIUM WEST GAS BUOY.	In 26 feet, off the point.	48 4 51	66 28 50	Occ. white.....	D, gas.....		
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 ECHOUEUR.	75 feet inside extremity of point.	48 1 2	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

CHALEUR BAY.

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
Red steel cylindrical buoy, surmounted by a pyramidal steel frame supporting a lantern.		1906			962½
Red steel cylindrical buoy, surmounted by a pyramidal steel frame supporting a lantern.		1907			962½
Lantern on mast of boat, with "Garde Pointe No. 6" painted on boat.		Re-established 1904		Visible up and down stream...	963
Red [steel cylindrical buoy, surmounted by a pyramidal steel frame supporting a lantern.		1906			963½
Red steel cylindrical buoy, surmounted by a pyramidal steel frame supporting a lantern.		1906			963½
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

## 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.
968	PASPEBIAC. ....	330 feet N. from S. extremity of Spit.	48 1 2	65 14 20	F. white.....	C.....	50	12
969	PORT DANIEL WEST.	On eastern side of West Point, Port Daniel.	48 9 13	64 56 18	F. white.....	D, 4..	100	15
970	PORT DANIEL..	On outer end of Government wharf.	48 10 41	64 56 21	F. white.....	D, 7..	31	10
971	ANSE AUX GASCONS.	On outer end of wharf.	48 11 33	64 50 22	F. red.....	D, 7..	29	7
972	MACQUEREAU POINT.	On extremity .....	48 12 30	64 46 25	Fl. white. Group of 3 flashes every 15 secs. (Flashes at intervals of 2½ secs., followed by an eclipse of 10 secs.)	D, 3..	62	13
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 DESFAIR.....	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 ...	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	SANDY BEACH POINT	On N. extremity of point, entrance to Gaspé Basin.	48 50 35	64 24 30	Occ. white, visible 6 secs., eclipsed 4 seconds.	D, 6..	32	10
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.						



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, square, wood, with dwelling near by.	54	1870 re-built 1881	Hand horn 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, octagonal, wood; white octagonal iron lantern.	33	1907	.....	Visible from all points of approach by water.	969
White, square, wood..	29	1902	Hand horn answers signals from vessels.	Visible from all points of approach by water.	970
Lantern on a pole.....	.....	1906	.....	Visible from all points of approach by water.	971
White, octagonal, wood; red circular iron lantern. White rectangular wooden dwelling.	51	1874 re-built 1906	Hand horn answers signals from vessels.	Marine telegraph and signal station Visible from all points of approach by water.	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
Lantern rising from roof of white, square wooden building with red roof, on cribwork pier with cutwater on upstream end.	34	1871 light-house 1904	Bell rung by hand answers signals from vessels.	Light visible from all points of approach.	985
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

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.
The following 10 lights, nearly all in Newfoundland territory, are maintained by the Dominion of Canada:—								
995	BELLE ISLE, NORTH END.	On N. E. point	52 1	2 55 15 8	Fl. white; flash, $\frac{1}{2}$ second; eclipse, $10\frac{1}{2}$ seconds.	D, 2..	137	17
996	BELLE ISLE...	Summit of extreme S. point of Island.	51 52 53	55 21 49	F. white, visible from about S. $34^{\circ}$ E. through E. and N. to N. $83^{\circ}$ W.	D. 1 .	470	28
997		333 feet below the main light.			F. white....	C.....	137	17
999		CAPE BAULD ...	Northernmost point of Newfoundland.	51 38 43	55 25 3	Alt. red and white, 45 seconds.	C.....	151
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	Fl. white, flash $\frac{1}{2}$ second, eclipse $2\frac{1}{2}$ seconds.	D, 2..	116	16

STRAIT OF BELLE ISLE.

QUEBEC—Continued.

AND LABRADOR.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Red, cylindrical iron tower; red polygonal iron lantern. Red rectangular wooden fog alarm building.	55	1905 Fog alarm 1906	Diaphone, operated by compressed air, gives one blast of 3½ seconds duration every minute.	Visible from all points of approach by water. Fog alarm building near edge of cliff, and about 200 feet north-easterly of lighthouse. Horn, about 90 feet above high water mark, projects from N. E. side of building, and points N. 66° E.	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.	996
White, square, wood, iron lantern red.	31	1880		Wireless telegraph station. Depot of provisions for shipwrecked mariners. In fog, lower light may be visible when high obscured, or <i>vice versa</i> .	997
White, square, wood, with red iron lantern, dwelling attached. White rectangular wooden fog alarm building with red roof.	54	1884	Diaphone, operated by compressed air, gives a blast of 7 seconds every 45 seconds.	Sea light, and to indicate entrance to Strait of Belle Isle, visible from all points of approach seaward. Fog alarm building about 50 feet to eastward of lighthouse. Horn, projects from N. side of fog alarm building, and points N. 45° E.	999
White, hexagonal, wood Fog-horn building rectangular, wood, white, with red roof.	55	1871 Fog-alarm, 1890	Diaphone, operated by compressed air, gives a blast of 7 seconds every 35 seconds.	Visible from all points of approach seaward. A red cylindrical iron lighthouse, close by the old lighthouse, will be put in operation on or before 1st August, 1907, instead of existing light, and will show a group of 3 flashes every 30 seconds. Fog alarm building east of lighthouse. Resonator projects from north end of fog alarm building, and points N. 20° E.	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	Diaphone, operated by compressed air, gives one blast of 7 seconds' duration every minute.	Fog alarm on point, 166 feet S. by E. from lighthouse. Horn, elevated 40 feet above high water mark, points south and projects from south end of building. Marine telegraph and signal and ice report station. Wireless telegraph station.	1002
White, square, wood, with dwelling attached, red polygonal iron lantern.	50	1899	.....	Visible from all points of approach by water.	1004
White, octagonal, wood, with white, wooden dwelling with red roof attached; red circular iron lantern. Fog alarm building white, rectangular, wood, roof red.	86	1878	Diaphone, operated by compressed air, gives a blast of 5 seconds every minute.	Visible from all points of approach. Fog alarm building 695 feet S. 20° 20' E. from 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
1012	CAPE ANGUILLE . . .	Light and fog alarm to be established.						
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 13 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
	CAINE'S ISLAND FOG ALARM.	South-western end of island.	47 36	0 58 41 55				
	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

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. . . . . Wireless telegraph station.	1010
.....	.....	.....	.....	.....	1012
White, octagonal, wood, red iron lantern, white dwelling and outbuildings, with red roofs, near by. White rectangular wooden fog alarm building, with high brick chimney, roof red.	75	1871 re-built 1885 Horn 1872	Diaphone, operated by compressed air, gives a blast of 5 seconds duration every minute.	Horn at the shore ..... Marine telegraph and signal and ice report station. Wireless telegraph station.	1013
White, circular tower, iron. White flat-roofed fog alarm building.	30	1875	Diaphone, operated by compressed air, gives a blast of 3½ seconds' duration followed by a silent interval of 114 seconds.	Under Newfoundland Government.	
Square flat-roofed building, painted in alternate black and white horizontal bands.	.....	1904	Diaphone sounds as follows every 2 minutes: blast 6 secs., silent 15 secs., blast 6 secs., silent 93 secs.	do do ..	
Stone tower with vertical red and white stripes. Dwelling attached.	40	1874	.....	do do ..	
Circular iron tower with red and white horizontal bands.	39	1836	.....	do do ..	
Wooden tower, dwelling attached, white, roof red.	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	1833	.....	French light.....	
Black and white bands	127	1831	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 .....	

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.
	LAMALIN HARBOUR.	S. E. Point of Allan Island.	46 51 0	55 48 0	F. white	D, 8.	64	8
	DODDING 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
	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..	750 feet from extreme W. point of island.	47 47 10	61 30 10	Fl. white. Group of 4 flashes every 30 secs. (flashes at intervals of 5 secs., followed by an eclipse of 15 secs.	D, 3..	126	19

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.
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	
Circular with red and white horizontal bands	56	1851	.....	Under Newfoundland Government.	
Striped red and white vertically, cylindrical iron, with white wooden dwelling with red roof attached.	46	1856 Fog alarm 1872	Diaphone, operated by compressed air, sounds blasts of 5 seconds' duration with silent intervals alternately of 15 and 35 seconds between them.	Visible between bearings of E.N.E. and W.S.W. Fog alarm building with high brick chimney, about 250 feet S. of lighthouse, connected by a covered way. Resonator projects from south end of fog alarm building. Signal mast and lookout between lighthouse and fog alarm building. Wireless telegraph station. (This station is under the control of Nova Scotia Agency.)	1020

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
White, octagonal, wood; red, circular iron lantern.	49	1905	.....	Light visible from all points of approach, except where hidden by trees and high land on the island to the eastward.	1030

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.
1031	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, 1½ 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.E. end of island..	47 16 30	61 40 58	F. white.....	D, 7..	277	16
1040	LIGHTSHIP.....	In 22 fathoms, 8 miles S. 47° E. from Heath point.	49 3 0	61 30 30	Occ. white, (3 lanterns encircling each mast head) visible 10 secs., eclipsed 5 secs.	D, 7.. elec- tric.	60	13
1041	HEATH POINT...	Near the E. end of the island.	49 5 20	61 42 16	F. white.....	C....	99	15
1042	BAGOT BLUFF...	¾ 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

MAGDALEN ISLANDS.

ANTICOSTI.



QUEBEC—Continued.

OF ST. LAWRENCE—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, with white shed at base.	30	1900			1031
White, square, wood..	42	1874			1032
White, hexagonal, wood	54	1871		Visible over an arc of 193° 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, octagonal, wood, red, octagonal iron lantern.	32	1874 re-built 1905		Light visible from S. 68° W. through W., N. and E. to S. 22° E.; over remainder of circle light is intercepted by high hills on N. end of island.	1036
Steel steamer with two masts, hull red with "Anticosti" in white letters on each side, and "No. 15" on each bow. The circular gallery at each mast head, the smokestack, and the fog signal between the masts, are red.	.....	1904	Diaphone, operated by compressed air, gives one blast of $4\frac{1}{2}$ seconds' duration every minute. Submarine fog bell strikes the number "15" thus:—one stroke; 4 seconds interval; 5 strokes at intervals of 1 second; then an interval of 10 seconds.	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.	1040
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 Cormorant 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. Wireless telegraph station.	1041
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

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.
1046	ANTICOSTI. ELLIS BAY ...	Front light on outer end of pier.	49 4 41	64 21 51	F. white.....	D, 4...	35	11
1047		Back light at bottom of bay, 5,000 feet N. 10° E. from front light.	.....	.....	F. white.....	D, 4...	79	14
1045	WEST POINT....	Extreme W. point, Anticosti Island.	49 52 30	64 31 40	F. white.....	D, 2...	106	16
1050	LITTLE NATASHQUAN HARBOUR.	On W. extremity of island at entrance to harbour.	50 11	7 61 50 9	F. white .....	D, 7...	33	11
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

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 cylindrical iron tower; white circular metal lantern with red roof. White concrete foundation.	33	1906	.....	Front light visible over an arc of 90° from N. 26° W. through N. to N. 64° E. Back light visible over an arc of 90° from N. 53° W. through N. to N. 37° E.	1046
White cylindrical iron tower; white circular metal lantern with red roof. Stone foundation 10 feet high.	52	1906	.....	Lights in one bearing N. 10° E. lead into Ellis bay clear of the shoals on either side. Vessels drawing 12 feet can moor alongside the pier at low water. They should leave the front light on the star-board hand in passing in to round the head of the pier. Lights maintained by M. Henri Menier.	1047
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, square, wood; lantern roof red.	32	1906	.....	Visible from all points of approach by water.	1050
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

## 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.
	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
1059		Front light on shore...	48 56 44	64 18 14	F. red.....	C.....		5
	GRIFFIN COVE.....	Back light bears W. from front.			F. red.....	C.....		5
1060		Front light on shore...	49 0 26	64 23 31	F. red.....	C.....		5
	GREAT FOX RIVER.....	Back light bears S. 67½° W. from front.			F. red.....	C.....		5
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
1062		Front light on shore...	49 10 39	64 49 52	F. red.....	C.....		5
	CHLORYDORME.....	Back light bears S. 45° W. from front.			F. red.....	C.....		5
1062½		Front light on shore...	49 13 58	65 9 15	F. red.....	C.....		5
	GRANDE VALLÉE.....	Back light bears S. 34° W. from front.			F. red.....	C.....		5

QUEBEC—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, circular, stone, clapboarded.	112	1858	Diaphone, operated by compressed air, sounds a blast of 7 seconds every minute.	Marine telegraph and signal station.	1058
Lantern on white mast, with white diamond-shaped slatwork day-mark attached.	15	1905	.....	Lights visible in the line of range.	1059
Lantern on white mast, with white diamond-shaped slatwork day-mark attached.	25	1905	.....		
Lantern on white mast, with white diamond-shaped slatwork day-mark attached.	15	1905	.....	Lights visible in the line of range. Lights in one lead to buoy at entrance to river.	1060
Lantern on white mast, with white diamond-shaped slatwork day-mark attached.	25	1905	.....		
Red, square, wood. Fog alarm building, red, rectangular, wooden.	50	1880 Fog alarm 1902	Diaphone, operated by compressed air, gives one blast of 4 seconds' duration every minute.	Marine telegraph and signal station. Wireless telegraph station. Fog alarm building 50 feet south-east of lighthouse. Horn is elevated 172 feet above the sea.	1061
Lantern on white mast, with white diamond-shaped slatwork day-mark attached.	15	1905	.....	Lights visible in the line of range.	1062
Lantern on white mast, with white diamond-shaped slatwork day-mark attached.	25	1905	.....		
Lantern on white mast, with white diamond-shaped slatwork day-mark attached.	15	1905	.....	Lights visible in the line of range.	1062½
Lantern on white mast, with white diamond-shaped slatwork day-mark attached.	25	1905	.....		

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
1064	MONT LOUIS	Front light on shore	49 14 17	65 43 20	F. red	C		5
		Back light bears S. 22½° W. from front.			F. red	C		5
1065	MARTIN RIVER	On S. shore, Gaspé County.	49 13 20	66 9 0	Fl. white. Group of 4 flashes every 30 secs. (flashes at intervals of 5 secs. followed by an eclipsed of 14½ secs.)	D, 3.	130	17
1067	SEVEN ISLANDS	On Carousel Island	50 5 25	66 23 5	F. white	C	190	20
1070	STE. ANNE DES MONTS.	Front light on shore	49 8 16	66 29 58	F. red	C		5
		Back light bears S. from front.			F. red	C		5
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 1½ miles N. E. of Point.	49 19 35	67 22 0	F. white	C	93	15

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.	10
Lantern on white mast, with white diamond-shaped slatwork day-mark attached.	15	1905	.....	Lights visible in the line of range.	10
Lantern on white mast, with white diamond-shaped slatwork day-mark attached.	25	1905	.....		
Red, octagonal wood; red circular iron lantern; red wooden dwelling near by. Red rectangular wooden fog alarm building with a high brick chimney.	63	1876 rebl't 1906 Fog alarm 1906	Diaphone, operated by compressed air, gives one blast of 5 secs. duration every minute.	Visible from all points of approach by water. Marine telegraph and signal station. Fog alarm building eastward of dwelling. Horn, elevated 70 feet above high water mark, projects from an extension at N. end of fog alarm building, and points N. 15° E.	106
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
Lantern on white mast, with white diamond-shaped slatwork day-mark attached.	15	1905	.....	Lights visible in the line of range.	1070
Lantern on white mast, with white diamond-shaped slatwork day-mark attached.	25	1905	.....		
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

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.
1081	STE. FÉLICITÉ FOG ALARM.	On extremity of low point, 2 miles above Ste. Félicité church.	48 54 15	67 23 5	.			
1082	MATANE BELL BUOY, No 21B.	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
1088	MANIKUAGAN SHOAL WHISTLING BUOY, No. 22B.	In 3½ fathoms, ¾ mile off shoal.	49 3 45	68 9 0				
1090	BERSIMIS RIVER. . .	On beach on N. shore of river, inside mouth.	48 56 10	68 38 28	F. white. ....	C. ....	30	5
1091		360 ft. N. W. ¾ N. from front light.			F. white. ....	C. ....	40	5
1094	FATHER POINT GAS BUOY, No. 27B.	In 7 fathoms, off Father Point.	48 31 51	68 28 10	Occ. white. ....	D, gas		
1095	FATHER POINT. ....	On the point. ....	48 31 30	68 27 40	Rev. white, 20 secs.	C. .... acetylene.	48	12



QUEBEC—Continued.

LAWRENCE.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, rectangular, wooden fog alarm building.	.....	1904	Diaphone, operated by compressed air, gives one blast of 3½ seconds' duration every minute.	The trumpet, elevated 15 feet above high water mark, projects from the seaward face of building.	1081
Black, iron buoy, surmounted by a bell.	...	1902	Bell rung by motion of buoy on the waves.	.....	1082
Lantern on a mast with shed at base, painted white.	20	1885	.....	Guide into Matane River.....	1083
Red, square, wood, with dwelling attached.	39	1873 moved 1883	.....	Marine telegraph and signal station.	1084
Red, square, wood, with dwelling attached.	40	1874	.....	Marine telegraph and signal station.	1086
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
Black, steel cylindrical buoy, surmounted by lantern.	.....	1905	.....	Indicates the safe limit to which vessels can approach Father Point pilot station to embark and disembark pilots.	1094
White, with a black horizontal band, square. Fog alarm building, white, rectangular, wood.	52	1859	Diaphone, operated by compressed air, gives two blasts of 4 seconds' duration each, every minute, thus: blast 4 secs.; silent 3 sec.; blast 4 sec.; silent interval 49 secs.	Pilots stationed here. Marine telegraph and signal station. The diaphone, established in 1904, is elevated 17 feet above high water mark. The fog alarm building is on the beach, 432 feet N. 80° E. from lighthouse.	1095

## 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.
1096	RIMOUSKI ROAD GAS BUOY, No. 29B.	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	.....	.....
1097	RIMOUSKI.....	On wharf, near its outer end.	48 29	26 68 30 50	F. white.....	D, 6..	30	10
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
1099 1100	PORTNEUF RANGE.	Lights to be established	.....	.....	.....	.....	.....	.....
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
1102		Front light in bottom of bay near church.	48 21	9 69 23 30	F. red.....	D, 7.. Elec. incan- desc't.	30	2
1103	ESCOUNAINS.....	Back light 402 feet N. 57° 15' W. from front light.	.....	.....	F. red.....	D, 7.. Elec. incan desc't.	47	2
1105	GREEN ISLAND.....	On N. point of island..	48 3	17 69 25 5	F. white.....	C....	47	13
1107	RED ISLET LIGHT-SHIP.	In 20 fathoms of water, on the S. edge of Red Islet bank.	48 6	32 69 29 12	F. white, electric..	{ 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
1109	PRINCESHOAL LIGHT-SHIP.	In 4 fathoms on S. edge of the westerly patch.	48 6	30 69 36 50	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
1110	LARK ISLET.....	Entrance to River Saguenay.	48 6	45 69 40 50	F. white.....	C....	40	11

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 conical slatwork top-mark and a lantern.	.....	1903	.....	Marks the point where mail steamer should meet tenders carrying mails to and from Rimouski wharf.	1096
White square wooden lantern on roof of red rectangular wooden freight shed.	21	1906	.....	Visible from all points of approach by water.	1097
White, with two red vertical stripes, square wood.	38	1873	.....	Marine telegraph and signal station.	1098
.....	.....	.....	.....	.....	1099 1100
White, circular, stone, boarded. Fog-alarm building white, with red roof, wood.	74	1844	Steam horn sounds blasts of 10 seconds' duration with intervals of 50 seconds.	Horn established 1839, 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
Lantern on a pole. ...	20	1906	.....	Lights visible in line of range ...	1102
Lantern on a pole. ....	25	1906	.....	Lights in one lead into Escoumains. They can be used only by small craft having local knowledge.	1103
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 Lightship No. 3" on each side.	.....	1871	Steam-whistle sounds 10 seconds in every minute. Submarine fog bell strikes the number "3" every 14 secs., thus : 3 strikes at intervals of 2 secs., followed by an interval of 10 secs.	Follows ice down from Quebec every spring. Leaves her station every autumn about 28th November.	1107
Grey, stone, circular surmounted by red iron lantern; white dwelling with brown roof attached.	64	1848	.....	.....	1108
Red, with words "Prince Shoal, No. 7" in white on each side. Two masts with red ball at main top mast head.	.....	1902 Light-ship 1905	Steam-whistle gives 2 blasts of 4 seconds duration each every minute; thus, blast 4 secs., silent 4 secs., blast 4 secs., silent 2 secs., followed by an interval of 10 seconds. Submarine fog bell strikes the number "7" every 22 seconds, thus : 7 strokes at intervals of 2 seconds, followed by an interval of 10 seconds.	The ball or main mast light will be lowered, if from any cause the light-ship moves from her station. Leaves her station every autumn after the 20th November.	1109
White, square, wood, standing on cribwork, with white dwelling near by.	40	1872	.....	.....	1110

## 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.
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
1113½	ANSE À L'EAU.....	On outer end of Anse à l'Eau wharf, Tadoussac.	48 8 38	69 43 30	F. white.....	D.....		
1114	GROSSE ROCHE.....	On E. side of river, about one mile above Grosse Roche.	48 14 26	69 53 24	F. white.....	D, 6..	36	6
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	70 53 0	F. white.....	C.....		
1119		Front light on S. side of river, 200 feet from bank.	48 26 34	70 57 55	F. white.....	C.....	18	9
1120	POSTE ST. MARTIN.	Back light 830 ft. N. 52° 45' W. from front light.			F. white.....	C.....	39	11
1121		Front light on N. bank, E. of mouth of river Valin.	48 27 50	70 58 28	F. white.....	C.....	18	9
1122	RIVER VALIN.....	Back light N. 25° W. 710 ft. from front light			F. white.....	C.....	35	11
1123		Front light on N. bank, east of river Caribou.	48 27 49	70 59 58	F. white.....	C.....	16	8
1124	SAVARDS.....	Back light, N. 48° W., 490 feet from front light.			F. white.....	C.....	39	11
1125		Front light on N. bank W. of river Caribou, in alder swamp.	48 27 30	71 0 49	F. white.....	C.....	14	3
1126	RIVER CARIBOU...	Back light, N. 62° 30' W. 820 feet from front light.			F. white.....	C.....	40	3
1127		Front light on S. bank, E. of mouth of river du Moulin.	48 26 17	71 1 48	F. white.....	C.....	32	2
1128	RIVIÈRE DU MOULIN.	Back light in trees on hill side, 751 ft. S. 55° W. from front.			F. white.....	C.....	79	2
1129	CHICOUTIMI.....	On outer end of wharf.	48 26 77	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.
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
Lantern on a pole.....	.....	1906	.....	.....	1113½
Lantern rising from red roof of white square wooden dwelling.	35	1906	.....	Visible upstream and downstream..	1114
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	.....		1121
Lantern hoisted to top of slatted framework, with shed at base, white, with red roofs.	35	1873	.....	Alignment leads N.W. by N. ½ N. towards north shore to intersection with Savard range.	1122
White, square, wood, with diamond day mark facing alignment.	17	1873	.....	Alignment leads N.W. ½ 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 N. 62° 30' W. to intersection with River du Moulin range, opposite mouth of River Caribou.	1125
Red square steel skeleton tower; white wooden lantern with red roof.	36	1873 tower 1906	.....		1126
White, square, wood..	31	1873 reb'l't 1906	.....	Lights in one lead up from the alignment of River Caribou range lights to the channel on the S. side of the river above Rivière Lachance Leads to public wharf.....	1127
White, square, wood..	31	1873 reb'l't 1906	.....		1128
Brown pole rising through roof of freight shed.	.....	.....	.....	.....	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.....			F. red electric incandescent light.	C....	35	5
1135		Back light 700 feet from front light.			F. red electric incandescent light.	C....	40	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	ILE 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 on square cribwork pier.	16	1889 mov'd 1905	.....	} To lead vessels through channel up to Roberval wharf.	1134
Lantern on a mast....	35	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	.....		1141

## 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 53 45	69 37 35	Two F. white, electric, one on each mast.	D, 7.. D, 7..	24 27	10 10
1144	BARRETT LEDGE GAS AND BELL BUOY, No. 38 B.	In 4 fathoms on E. side of Ledge.	47 53 11	69 37 5	Occ. white.....	D. Gas	14	8
1145	RIVIERE 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..	71	10
1149	PILGRIM SHOAL GAS AND BELL BUOY, No. 51 B.	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 103 yards S. from water's edge.	47 43 8	69 44 40	F. white.....	D, 4..	136	12
1152	St. SIMEON.....	On outer end of Government wharf.	47 50 35	69 52 20	F. white.....	D, 5..	40	11
1153	CAPE SALMON.....	On N. E. extremity of Cape.	47 46 20	69 54 8	Rev. white, 15 seconds.	C....	82	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....	105	16
1158	CAP À L'AIGLE.....	On outer end of pier...	47 39 45	70 5 32	F. white.....	D, p..	38	6
1159	MORIN SHOAL GAS, WHISTLING AND BELL BUOY.	In 7 fathoms at south-west end of shoal.	47 36 13	70 2 8	Occ. white.....	D, gas	30	....
1160	MURRAY BAY.....	On outer end of pier .	47 37 23	70 8 19	F. white.....	D, p..	36	10



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 No. 5" 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. Submarine fog bell strikes number "5" every 18 seconds, thus: 5 strokes at intervals of 2 seconds, followed by an interval of 10 seconds.	Leaves her station every autumn about November 28.	1142
Red iron conical-topped buoy surmounted by lantern and bell.	.....	1886	Bell rung by motion of buoy.	From the buoy Brandy Pots Light bears W. $\frac{1}{2}$ N. 2 $\frac{3}{4}$ miles, and Riviere du Loup Light S.S.E. 2 $\frac{3}{4}$ 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 surmounted by lantern and bell.	.....	1886	Bell rung by motion of buoy.	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 octagonal wooden lantern with red roof, on drab rectangular wooden freight shed with red roof.	35	1906	.....	Visible over an arc of 163° from S. 51° W. through W. and N. to N. 34° E.	1152
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
Steel buoy, painted in red and black horizontal bands, surmounted by a steel-frame supporting a whistle, bell and lantern.	.....	1905 Whistle and Bell 1906	Whistle and bell sounded by motion of buoy on the waves.	.....	1159
Lantern on roof of shed on wharf, roof red, lantern white.	27	1882 im- prov'd 1890	.....	.....	1160

## 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.
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
1163	POINTE AUX ORIGNAUX.	On the wharf . . . . .	47 29 23	70 1 34	F. white . . . . .	D, 7.	36	10
1165	GOOSE CAPE OR CAP AUX OIES.	Charlevoix County. . . . .	47 29 26	70 13 50	F. white . . . . .	C . . . . .	55	12
1167	LES EBOULEMENTS.	On outer end of pier at Cap St. Joseph.	47 27 2	70 21 54	F. white . . . . .	D, 5.	22	9
1168	ISLE AUX COUDRES.	On outer end of pier. . . . .	47 25 22	70 23 31	F. white . . . . .	D, p.	26	5
1169	CAP AU CORBEAU. . . . .	On outer end of Government Wharf.	47 25 30	70 27 18	F. white . . . . .	D, 7.	31	10
1173	MIDDLE GROUND GAS BUOY No. 56 B.	Near E. end of the S. Traverse.	47 24 37	70 13 48	Occ. white . . . . .	D, Gas	10	
1175	LOWER TRAVERSE. . . . .	On E. side of S. Traverse at its lower end, $1\frac{1}{2}$ miles N.E. of Upper Traverse Lighthouse; and near northern end of St. Roch Shoal.	47 21 21	70 15 12	Fl. white; flash 1 sec.; eclipse 4 secs.	D, 3.	55	13
1176	SOUTH TRAVERSE MIDDLE GROUND GAS BUOY No. 58 B.	On S. edge Middle Ground.	47 21 44	70 15 27	Occ. white. . . . .	D, gas	10	....
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 No. 60 B.	In $4\frac{1}{2}$ fathoms, $4\frac{1}{2}$ cables N.W. $\frac{3}{4}$ W. from Upper Traverse Lighthouse.	47 20 5	70 16 45	Occ. white . . . . .	D, Gas	10	4
1180	CHANNEL PATCH GAS AND BELL BUOY No. 64 B.	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.
Square lantern on apex of roof of drab, wooden freight shed with brown roof.	31	1901			1161
Octagonal lantern rising from red roof of white, rectangular wooden building.	32	1875 reb't 1904		Visible from all points of approach by water.	1163
White, square, wood, with dwelling attached.	42	1876			1165
Lantern on roof of shed	18	1882		Visible from all points of approach by water.	1167
Lantern on a mast ....	20	1882			1168
Square wooden lantern rising from roof of drab wooden freight shed.		1905			1169
Steel cylindrical buoy painted red, surmounted by a pyramidal steel frame supporting a lantern.		1893			1173
Rectangular concrete building with copper roof, on brown, steel-sheathed, concrete pier, pointed, sloping ends. Tower wing at N.E. corner of building is surmounted by a brown cylindrical iron tower. Red, polygonal iron lantern.	50	1836 tower 1904	Diaphone, operated by compressed air, gives one blast of 3½ seconds duration every minute.	Visible from all points of approach by water. The horn, elevated 20 feet above high water mark, projects from seaward face of lighthouse. To enter the Traverse from below, the two Traverse lights (upper and lower) should be brought in one after passing Middle Ground Gas Buoy No. 56 B and kept on to within one mile of lower light, when the upper light should be gradually opened north of the lower one. The course through Traverse is S.W., giving the two lights a berth of two cables.	1175
Red steel cylindrical buoy, surmounted by a pyramidal steel frame supporting a lantern.		1903			1176
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. ½ S. leaves Channel Patch gas buoy on starboard.	1177
Red steel cylindrical buoy, surmounted by a pyramidal steel frame supporting a lantern.		1901		Marks the N.W side of deep water channel.	1178
Iron conical-topped buoy, painted in red and black horizontal bands, surmounted by bell and lantern.		1886	Bell rung by the action of the waves.	From buoy Stone Pillar Light bears S.W. ¾ W. 2 7/16 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	ALGERON ROCK. . . .	In channel, S. E. of Stone Pillar.	47 12 12	70 21 17	F. white . . . . .	D, 6.	36	6
1184	PORT JOLI SHOAL GAS BUOY No. 65 B	In 5 fathoms, on the W. side of the more easterly 2 $\frac{3}{4}$ fathom patch off Port Joli.	47 12 42	70 20 0	Occ. white. . . . .	D, Gas	10	4
1186	BEAUJEU BANK E. END GAS AND BELL BUOY No. 67 B.	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 No. 69 B.	In 3 $\frac{1}{2}$ fathoms on Shoal.	47 4 11	70 30 37	Occ. white 6 seconds.	D, Gas	14	8
1188 1189	HOSPITAL ROCK. . . .	Range lights to be established.						
1190	BEAUJEU CHANNEL BEACON.	Northwest of the west narrows of Beaujeu channel, 2 miles S. 62° W. from Crane Island lighthouse.	47 4 16	70 30 52	Occ. white. . . . .	D, Gas	27	10
1191	CRANE ISLAND. . . .	On outer end of pier, 1 $\frac{1}{2}$ miles from W. point of Island.	47 2 47	70 32 50	Occ. white. . . . . Visible 10 secs. Eclipsed 5 "	D, 4.	48	12
1193		At outer end of Government Wharf.	46 59 26	70 33 15	F. red. . . . .	C. . . .	26	3
1194	ST. THOMAS DE MONTMAGNY.	Back range, 1,971 feet S. $\frac{1}{4}$ W. from front light.			F. red. . . . .	C. . . .	41	3
1195	ST. THOMAS BANK GAS BUOY No. 77 B.	In 5 fathoms on outer end of St. Thomas Bank.	47 1 25	70 35 2	Occ. white. . . . .	D, Gas	10	4
1197	GROSSE ISLE GAS BUOY No. 80 B.	On W. end of Margaret Island Bank in 3 $\frac{1}{2}$ 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 whitewashed concrete pier.	32	1878		Rock covers at half flood.	1182
Black, steel, cylindrical buoy, surmounted by a pyramidal steel frame supporting a lantern.		1902		From the buoy Stone Pillar light house bears N. 86½° W., 1¼ mile.	1184
Iron pillar buoy, black and red horizontal bands, surmounted by a bell and lantern.		1886 1906	Bell rung by motion of buoy on the waves.	From it Crane Island light bears S. W. by W. ¼ W. 5 miles.	1186
Iron pillar buoy red and black horizontal bands surmounted by a bell and by lantern.		1886	Bell rung by the action of the waves.	From buoy Crane Island light bears S. W. by W. ¼ W. 2¼ miles.	1187
					{ 1188 1189
Concrete pier, square in plan, with sloping sides, surrounding a red cylindrical steel gasholder rising out of it. Gasholder is surmounted by red pyramidal steel frame carrying a lantern.		1905		Visible from all points of approach. Light is unwatched. Light showing down stream, in one with Crane Island light, bearing S. 62° W. marks deep water channel from lower end of Goose Island reef to the turn at Beaujeu Bank west end gas buoy. There is one spot with 3 fathoms on it in the alignment, about 1½ cables east of the beacon, but pilots make the turn for the gas buoy a long distance below this spot.	1190
White, octagonal, wood with red iron lantern.	48	1862 reb't 1885			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 steel cylindrical buoy, surmounted by a pyramidal steel frame supporting a lantern.		1899		Visible from all points of approach by water.	1195
Red steel cylindrical buoy, with "Quarantine" in yellow, surmounted by a pyramidal steel frame supporting a 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 10 secs. Eclipse. 7 "	D, 4..	54	12
1214	MADAME ISLAND REEF GAS BUOY No. 86 B.	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 No. 87 B	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..... Visible 5 secs. Eclipse 3 "	D, 4..	33	3
1224	POINT LÉVIS SHOAL GAS BUOY No. 89 B	About ¼ mile west of Lévis graving dock.	46 49 54	71 10 30	Occ. white.....	D, gas	8	4

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			1203
Open framed tower....	34	1875		Range lights. Lead between Traverse Spit and Brulé Bank.	1204
White, square, wood, with white irregular beacon with black square in middle facing alignment; 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, with white irregular beacon with black square in middle facing alignment; lantern roof red.	30	1875			1209
White with red roofs, square, wood, with dwelling attached.	40	1862			1212
Steel cylindrical buoy painted red, surmounted by a pyramidal steel frame supporting a lantern.		1887			1214
White, square, wood. Lantern roof red.	30	1874			1216
White, octagonal, metal lantern with green roof, on roof of drab, rectangular, wooden freight shed with red 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 clears Maranda Rocks buoy.	1218
Black, steel, cylindrical buoy, surmounted by a conical slatwork topmark and a lantern.		1902			1220
White, square, wood; lantern roof red.	34	1901		Visible from all points of approach by water.	1222
Black, steel cylindrical buoy, surmounted by red lantern.		1904		Marks north edge of shoal.	1224

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.	
	ORLEANS CHANNEL.	MONTÉE DU LAC.	See above, 1202.						
1228		STE. FAMILLE FRONT RANGE.	On beach near stone mill, south side of channel.	46 57 50	70 58 48	F. white.....	C.....	50	12
1229		STE. 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 lowfield			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....	Incan- desc't.	75	8
1237		QUEBEC, BACK RANGE.	On cross wall, Princess Louise Basin, 1690 feet W.S.W. from front light.			F. red, electric ..	Incan- desc't.	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	14
1243			Back light 4,100 feet S. 84° E. from front light.			F. white.....	C.....	200	14
1244		POINTE NICHOLAS GAS BUOY No. 15 Q.	Off Pointe Nicholas....	46 42 44	71 27 18	Occ. white.....	D, gas	10	.....
1246	TREMBLES SHOAL GAS BUOY No. 24 Q.	In 7 fathoms off S.E. extremity of shoal.	46 41 8	71 33 25	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.
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 S. 84° E. when abreast of Frechette Islands, and kept in one till Confederation Point is abeam.	1242
White, steel skeleton tower, with white, wooden slatwork on side facing channel; red iron lantern.	32	1900 re- built 1905	.....		1243
Black, steel cylindrical buoy, surmounted by a pyramidal steel frame supporting a lantern.		1904	.....		1244
Red, steel cylindrical buoy, surmounted by a pyramidal steel frame supporting a 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, 5	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
1250		POINT ST. ANTOINE GAS BUOY No. 28 Q. In 5 fathoms off Point St. Antoine.	46 40	3 71 37 6	Occ. white.	D, gas	10	
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 No. 34 Q.	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 No. 49 Q.	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 37	71 52 6	F. white.	C	120	5
1261		540 feet N.E. of front light.			F. white.	C	200	5
1263		Back range on edge of cliff in axis of dredged channel.	46 39 31	71 52 42	F. white.	C	160	11
1264	BARRE À BOULARD.	Front range on Richelieu Island reef, 10,400 feet S. 70° W. from back range.	46 38 17	71 54 42	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
Red steel cylindrical buoy, surmounted by a pyramidal steel frame supporting a lantern.	.....	1904	.....		1250
White, square, wood; lantern roof red.	23	1899	.....	To show the centre of dredged channel through St. Croix Bar.	1252
White, square, wood; lantern roof red.	54	1899	.....		1253
Red iron cylindrical buoy, surmounted by a pyramidal steel frame supporting a 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, surmounted by a pyramidal steel frame supporting 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.	61	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, $1\frac{1}{2}$ miles below Richelieu Island.	46 39	6 71 53 5	F. white	C	130	12
1267		507 feet E. by N. $\frac{1}{2}$ N. from front light.			F. white	C	152	12
1268	RICHELIEU	Centre of Island	46 38 19	71 54 44	F. white	C	27	6
1270	LOTBINIÈRE	On S. shore, a mile above the church.	46 36 37	71 57 28	F. white	C	23	8
1271		2,850 feet S. W. by W. $\frac{1}{4}$ W. from front light.			F. white	C	35	10
1273	LANGLAIS POINT	On S. shore, $\frac{3}{4}$ mile below Great Chêne River.	46 35 0	71 59 31	F. white	C	35	5
1274	BATTURE SIMON GAS BUOY, No. 68 Q.		46 35 31	72 0 50	Occ. white	D, gas	13	4
1275	STE. EMÉLIE	On top of bank on S. shore, a mile above village.	46 33 41	72 0 59	F. white	C	114	16
1276		3,420 feet S. $70^{\circ} 30'$ E. from front light.			F. white	C	131	16
1277	BATTURE DU CHÈNE GAS BUOY No. 73 Q.		46 34 41	72 2 10	Occ. white	D, gas		
1278	BATTURE À CADIEUX GAS BUOY No. 77 Q.		46 34 13	72 3 5	Occ. white	D, gas		
1279	CAPE CHARLES	Front light on extreme of Cape.	46 33 34	72 4 17	F. white	C	92	6
1280		Lower back light 80 yards S. $67^{\circ}$ E. from front light.			F. white	D, 7	120	6
1281		Upper back light at top of steep cape, 1,250 feet S. $69^{\circ}$ W. from front light.			F. white	C	145	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.
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, spar buoy surmounted by 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
Black, steel spar buoy, surmounted by a lantern.		1904	.....		1277
Black, steel spar buoy, surmounted by a lantern.		1904	.....		1278
White, polygonal, wood	12	1856	.....	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-lack bar to intersection of alignment of Ste. Emélie range.	1279
Lantern on a mast....	40	1856 changed 1890	.....		1280
Red, square steel skeleton tower; enclosed upper part white, wood.	61	1901	.....		1281

## 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.
1282	CAPE CHARLES COURSE GAS BUOY No. 80 Q.	Lower end of Cape Charles Course.	46 33 53	72 4 23	Occ. white.....	D, gas	.....	.....
1283	GRONDINES POINT.	Front light on the point	46 34 44	72 4 22	F. white.....	C	33	7
1284		Back light near bank of river 8,260 feet N. 84° E. from front light.	.....	.....	F. white.....	C	66	8
1285	GRONDINES UPPER RANGE.	Front light on bank of river, 1½ miles above Grondines Point front light.	46 35 9	72 6 16	F. white.....	C	28	8
1286		Back light 6,800 feet N. 62° E. from front light.	.....	.....	F. white.....	C	68	9
1287	CAP À LA ROCHE CURVE GAS BUOY No. 90 Q.	Middle of curve.....	46 33 57	72 7 2	Occ. white.....	D, gas	13	.....
1288	CAP À LA ROCHE COURSE GAS BUOY No. 97 Q.	Upper end of course.	46 33 29	72 8 30	Occ. white.....	D, gas	13	.....
1289	CAP LEVRARD GAS BUOY No. 107 Q.	.....	46 32 30	72 10 6	Occ. white.....	D, gas	13	.....
1290	CAP LEVRARD GAS BUOY No. 110 Q.	.....	46 32 10	72 10 47	Occ. white.....	D, gas	13	.....
1291	BATISCAN COURSE GAS BUOY No. 117 Q.	Upper end of course....	46 31 28	72 12 59	Occ. white.....	D, gas	13	.....
1292	ST. PIERRE DES BECQUETS.	S. shore, summit of St. Pierre Point.	46 30 21	72 12 28	F. white.....	C	85	5
1295	BATISCAN.....	N. shore ¾ mile below Batiscan Church, about 600 feet from shore.	46 30 30	72 14 51	F. white.....	C	20	4
1296		2,050 feet W. by S. ½ S. from front light.	.....	.....	F. white.....	C	42	4

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, steel spar buoy, surmounted by a lantern.		1904			1282
Red, square, steel skeleton tower, on white-washed concrete pier; red, square, galvanized iron lantern.	29	1904		Lights visible in the line of range.. Vessels upward bound should keep the alignment of Grondines Point range from Buoy No. 91 Q. through Batture Cap à la Roche dredged cut to the turn at Buoy No. 97 Q, when they should gradually swing into alignment of Grondines upper range, which they should keep through Batture des Belles Filles dredged cut to the turn at Buoy No. 110 Q.	1283
White, square, wood..	61	1904			1284
White, square, wood..	18	1904			1285
White, square, wood..	40	1904			1286
Red, steel spar buoy, surmounted by a lantern.		1904			1287
Black, steel spar buoy, surmounted by a lantern.		1904		1288	
Black, steel spar buoy, surmounted by a lantern.		1904		1289	
Red, steel spar buoy, surmounted by a lantern.		1904		1290	
Black, steel spar buoy, surmounted by a lantern.		1904		1291	
White, octagonal, wood	30	1844		1292	
White, octagonal, wood	18			1295	
White, octagonal, wood	36	1844 moved 1879		Lead through channel dredged in Batture Ste. Anne	1296

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.
1297	BATISCAN ANCHOR-AGE GAS BUOY No. 123 Q.	Lower end of anchor- age.	46 29 59	72 13 57	Occ. white.....	D, gas	13	....
1298	BATTURE PERRON GAS BUOY No. 129 Q.	.....	46 29 18	72 14 16	Occ. white.....	D, gas	13	....
1298 1299	GENTILLY.....	Range lights to be established.	.....	.....	.....	.....	.....	.....
1299	CITROUILLE POINT..	On pier on beach, N. shore.	46 27 3	72 16 10	F. white.....	D, 7..	40	11
1300	POINT CITROUILLE GAS BUOY No. 2 C.	.....	46 26 39	72 16 27	Occ. white .....	D, gas	13	....
1301	POULLIER CARPENTER GAS BUOY No. 15 C.	.....	46 26 17	72 20 51	Occ. white .....	D, gas	13	....
1302		About $\frac{1}{2}$ mile above village church.	46 26 32	72 20 51	F. white .....	C ..	34	4
1303	CHAMPLAIN. ....	2,020 feet N. 56°E. from front light.	.....	.....	F. white.....	C.....	104	4
1304		Front light on bank of river, about $\frac{3}{4}$ mile above Champlain vil- lage church.	46 26 18	72 21 27	F. white.....	C.....	40	6
1305	CHAMPLAIN, UPPER RANGE.	Back light 2,080 feet N. 79° 30' W. from front light.	.....	.....	F. white.....	C ..	109	6
1305	ILE BIGOT GAS BUOY No. 20 C.	Opposite east end of Ile Bigot.	46 25 5	72 22 49	Occ. white.....	D, gas	13	....



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 spar buoy, surmounted by a lantern.		1904			1297
Black, steel spar buoy, surmounted by a lantern.		1904			1298
					1298 1/2
					1298 1/2
White, square, wood, red iron lantern on middle of roof.	41				1299
Red, steel spar buoy, surmounted by a lantern.		1904			1300
Black, steel spar buoy, surmounted by a lantern.		1904			1301
White, square, wood; White octagonal wood-lantern.	23	1844 moved 1906			1302
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.	92	1878 Tower 1906		Lights visible in line of range. Lights mark axis of channel from Champlain to Ile Bigot.	1303
White, square, wood; lantern, roof red.	30	1904 Tower 1906			1304
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.	95	1904 Tower 1906		Lights visible in line of range. Mark axis of ship channel from bend at Citrouille Point to bend above Village of Champlain.	1305
Red, steel spar buoy, surmounted by a lantern.		1905			1305 1/2

## 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.
1306		400 feet from river bank on N. shore, 2½ miles below Cape Madeleine church.	46 23 40	72 27 21	F. white .....	C .....	51	7
1307	CAPE MADELEINE, LOWER RANGE.	2,800 feet N. 59° E. from front light.			F. white .....	C .....	108	7
1308		BECANCOUR COURSE GAS BUOY No. 23 C.	Opposite Batture à Bigot.	46 24 15	72 24 8	Occ. white .....	D, gas	13
1309	BECANCOUR BEND GAS BUOY No. 30 C.	Lower end of bend	46 23 6	72 26 0	Occ. white .....	D, gas	13	
1310	CAPE MADELEINE, UPPER RANGE.	Near river bank on N. shore, 2 miles below Cape.	46 23 12	72 28 28	F. white .....	C .....	40	6
311		Back tower, 855 feet S. 85° W. from front.			F. white .....	C .....	55	6
1312		Front light on the flats in river, off westerly mouth of Becancour river.	46 22 32	72 26 56	F. white .....	C .....		6
1313	BECANCOUR .....	Back light on mainland, 6,700 feet S. 65° 37' W. from front light.			F. white .....	C .....		6
1314		Front light on bank of river, about ¼ mile below Cape Madeleine village church.	46 22 24	72 29 42	F. white .....	C .....		4
1315	CAPE MADELEINE VILLAGE.	Back light 2,250 feet N. 87° W. from front light.			F. white .....	C .....		4

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; white octagonal wooden lantern with red roof.	30	1843 moved 1906			1306
Brown square steel skeleton tower, with white wooden slatwork on upper portion of side facing channel; enclosed upper part white, wood; lantern roof red.	87	1843 moved 1906		Lights visible in line of range. Lights in one bearing S. 59° W. mark axis of channel from a point abreast of Cape Madeleine village front light to the bend at red spar buoy No. 54C.	1307
Black, steel spar buoy, surmounted by a lantern.		1904			1308
Red, steel spar buoy, surmounted by a lantern.		1904			1309
White, octagonal, wood	16	1843			1310
White, octagonal, wood	40	1843		To clear Provencher Shoal, leading through N. channel.	1311
Square concrete pier, with sloping sides, surmounted by white hexagonal wooden lantern.	34	1904 Pier 1905			1312
Red, square steel skeleton tower, with white wooden slatwork on upper portion of side facing channel; enclosed upper part white, wood; lantern roof red. Tower stands on square concrete pier with sloping sides.	63	1904 Tower 1905		Lights visible in the line of range. Mark axis of ship channel from lower end of Ile Bigot through Becancour course to Becancour bend.	1313
White, square, wood; white octagonal lantern.	23	1904 Tower 1905			1314
Brown square steel skeleton tower, with white wooden slatwork on upper portion of side facing channel; enclosed upper part white, wood; lantern roof red.	63	1904 Tower 1905		Lights visible in line of range. Mark axis of ship channel through Becancour traverse.	1315

## 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.
1316	BECANCOUR TRAVERSE GAS BUOY No. 39 C.	Upper end of traverse.	46 22 38	72 27 59	Occ. white.....	D, gas	13	....
1317	CAPE MADELEINE GAS BUOY No. 45 C	Opposite Cape Madeleine wharf.	46 21 58	72 29 36	Occ. white... ..	D, gas	13	....
1318	ILE AUX COCHONS GAS BUOY No. 55 C	.....	46 20 50	72 31 17	Occ. white.....	D, gas	13	....
1319	THREE RIVERS SHOAL GAS BUOY No. 59 C	Upper end of shoal....	46 20 13	72 32 27	Occ. white.....	D, gas	13	....
1321		{ On a pier near wharf... ..	46 16 17	72 37 16	F. white.....	C.....	14	4
1322	PORT ST. FRANCIS	{ On pier, N. 78° E., 550 feet from front light.	.....	.....	F. white.....	C.....	36	11
1323		{ Front light on pier on the flat on E. side of mouth of Nicolet River.	46 15 20	72 39 2	F. white.....	D.....	.....	4
1324	NICOLET.	{ Back light 4,250 feet S. 57° 10' E. from front light.	.....	.....	F. white.....	D.....	.....	4
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. 70½° W. from lighthouse.	46 15 55	72 42 15	F. white.....	D, 7..	22	9
1333	YAMACHICHE BEND GAS BUOY, No. 57 L.	.....	46 12 38	72 49 7	Occ. white, visible 10 seconds, eclipsed 10 seconds.	D, gas	.....	.....

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 spar buoy, surmounted by a lantern.	...	1904	.....	.....	1316
Black, steel spar buoy, surmounted by a lantern.	.....	1904	.....	.....	1317
Black, steel spar buoy, surmounted by a lantern.	.....	1904	.....	.....	1318
Black, steel spar buoy, surmounted by a lantern.	.....	1904	.....	.....	1319
White, octagonal, wood	18	1849	.....	Mark axis of channel through Batterie au Fer and Pouillier Laforce. Back light visible from all points of approach by water.	1321
Brown, square, open, steel frame, with white wooden slatwork on upstream face.	31	1849 reb't 1902	.....		1322
White, square, wood; red octagonal iron lantern; on square concrete pier with battered sides 29 feet high.	.....	1907	.....	.....	1323
Brown, square, steel skeleton tower, with white wooden slatwork on upper portion of side facing channel, surmounted by white wooden watchroom and octagonal iron lantern	.....	1907	.....	Lights in one mark axis of channel through Nicolet Traverse.	1324
White, square, wood; lantern red.	30	1843	.....	In line with E. light-ship S 70 <sup>1</sup> / <sub>2</sub> ° 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, amidships.	23	.....	.....	Removed at the approach of winter on account of ice.	1330
Black, steel, cylindrical buoy, surmounted by a lantern.	.....	1903	.....	.....	1333

## 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.
1334	LAKE ST. PETER CURVE, No. 2.	Front light common to downstream range and upstream range, on pier 2½ miles S. by E. from mouth of Rivière du Loup.	46 11 26	72 54 22	F. white.....	D, 5..	49	6
1335		Back light of downstream range, on pier 2,000 feet S. 84½° W. from front light			F. white.....	D, 5..	94	6
1336		Back light of upstream range, on pier 2,000 feet N. 58½° E. from front light.			F. white.....	D, 5..	94	6
1337	LOUISEVILLE.	Front light on W. side of Rivière du Loup, about ¼ mile above its mouth.	46 13 38	72 55 46	F. white.....	D, 7..	25	6
1338		Back light on W. of Rivière du Loup, about ⅓ mile N. of front light.			F. white.....	D, 7..	45	6
1342	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	ISLE AUX RAISINS.	Front light on pier in marsh on N. edge of Island.	46 6 14	72 57 50	F. white.....	C. . . .	30	6
1347		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

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 octagonal iron lantern rising from red roof of white square fireproof dwelling, on whitewashed rectangular concrete pier with battered sides and pointed sloping upstream end.	23	1906			1334
Red square steel skeleton tower rising from walls of a white fireproof dwelling, on whitewashed square concrete pier with battered sides. Red octagonal iron lantern.	73	1906		The front light and the back light of the down stream range in one, bearing S. 84½° W., lead from the gas buoy at Yamachiche Curve to Curve No. 2.	1335
Red square steel skeleton tower rising from walls of a white fireproof dwelling, on whitewashed square concrete pier with battered sides. Red octagonal iron lantern.	73	1906		The front light and the back light of the upstream range in one astern, bearing N. 58½° E., lead from Curve No. 2 to the intersection of their alignment with the alignment of Ile aux Raisins range lights.	1336
Lantern on pole, with white diamond-shaped slatwork daymark attached.	20	1907			1337
Lantern on pole, with white diamond-shaped slatwork daymark attached.	40	1907		Lights visible in line of range. Lights in one lead in from Lake St. Peter.	1338
Lantern on a mast, standing in the water.	13	1883			1342
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.	1343
White, octagonal, open frame, on square pier.	20	1843			1346
Brown, square, steel, skeleton tower, surmounted by white, wooden watch room and white octagonal wooden lantern.	85	1863 reb't 1903		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.	1347

## 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.
1348	ILE DU MOINE LOWER RANGE	Front light, on Ile des Barques, about $\frac{3}{4}$ mile from its eastern end.	46 5 18	72 59 41	F. white.....	C ..	41	10
1357		Back light on Ile du Moine, 9,690 feet S. $53^{\circ} 45'$ W. from front light. (This light also serves as the back light of Ile du Moine upper range.)			F. white.....	D, 4.	108	11
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
1349 Z	POINTE AUX SOLDATS GAS BUOY, N O. 123 L.	.....	46 5 30	73 0 20	Occ. white.....	D, gas	13	...
1350	GALLIA BAY, UPPER RANGE.	Front light on south side of Ile à Lapierre, equidistant from its east and west ends.	5 27	73 0 40	F. white.....	C.....	41	2
1350 1		Back light 660 feet S. $83^{\circ} 55'$ W. from front light.	.....	.....	F. white.....	C.....	73	2
1350 1	GALLIA BAY, LOWER RANGE.	Front light on south side of Ile à Lapierre, about one mile from its east end.	46 5 45	73 0 11	F. white.....	C.....	38	2
1350 2		Back light, 600 feet N. $45^{\circ}$ E. from front light.	.....	.....	F. white.....	C.....	71	2



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. On square concrete pier with battered sides, 24 feet high.	19	1907			1348
Brown square steel skeleton tower, with white wooden slat-work on upper portion of side facing channel; enclosed upper part, white, wood; octagonal iron lantern. On whitewashed square concrete pier with battered sides, 19 feet high.	86	1906		Lights in one, bearing S. 53° 45' W., mark axis of channel from intersection of their alignment with the alignment of Ile aux Raisins range lights to the intersection of their alignment with the alignment of Gallia Bay upper range lights.	1357
White, octagonal, wooden dwelling, surmounted by red lantern, on pier.		1867 re-built 1897			1349
Black steel spar buoy, surmounted by a lantern.		1906			1349 Z
White, square, wood; lantern roof red. On square concrete pier with battered sides.	19	1907		Lights visible in the line of range. Lights in one bearing S. 83° 55' W. lead up from the intersection of their alignment with the alignment of Ile du Moine lower range lights to the intersection of their alignment with the alignment of Gallia Bay lower range lights.	1350
White, cylindrical, steel tower 5 feet in diameter; red square wooden lantern. On square concrete pier with battered sides.	52	1907			13501
White, square, wood; lantern roof red. On square concrete pier with battered sides.	19	1907		Lights visible in the line of range. Lights in one astern, bearing N. 45° E., lead up from the intersection of their alignment with the alignment of Gallia Bay upper range lights to the intersection of their alignment with the alignment of Ste. Anne de Sorel range lights.	13501
White, cylindrical, steel tower 5 feet in diameter; red square wooden lantern. On square concrete pier with battered sides.	52	1907			13501

## 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.
1351		Front light on S. side of island.	46 4 10	73 3 3	F. white .....	C .....	36	5
1352	ILE DE GRACE .....	Back light on S. E. end of island, 1,900 ft. N. 89½° E. from front light.			F. white.....	C ..	80	5
1353		Front lighthouse on S. shore, about 2¼ miles below Sorel.	46 3 37	73 3 39	F. white.....	C .....	35	2
1354	STE. ANNE DE SOREL.	Back lighthouse 2,180 feet S. 70° W. from front lighthouse.			F. white.....	C .....	98	5
1355	ILE DE GRACE GAS BUOY NO. 136L.		46 3 58	73 3 1	Occ. white. ....	D, gas	13	.....
1356		Front light on west end of Ile du Moine.	46 4 0	73 1 27	F. white.....	C .....	43	5
1357	ILE DU MOINE UPPER RANGE.	Back light 1,500 S. 82° E. from front light. (This light also serves as the back light of Ile du Moine lower range.)			F. White.....	D, 4.	108	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 square building, with steel frame sheathed with asbestos, on square concrete pier with sloping sides; white square iron lantern.	19	1871 reb'lt 1905			1351
Brown square steel skeleton tower, with white wooden slatwork on upper portion of side facing channel; enclosed upper part white, wood, lantern roof red. Tower stands on concrete pier, with sloping sides and pointed upstream end.	63	1906		Lights visible in line of range. Marks axis of channel from Nepigon shoal to near W. end of Ile St. Ignace.	1352
White, square, wood, on square concrete pier with sloping sides. Red square iron lantern.	19	1905			1353
Brown square steel skeleton tower, with white wooden slatwork on upper portion of side facing channel; enclosed upper part white, wood; lantern roof red.	80	1906		Lights visible in the line of range. Marks axis of dredged channel through Ile de Grace Traverse from W. end of Boat Island to the curve below Ste. Anne de Sorel.	1354
Red steel spar buoy, surmounted by a lantern.	.....	1906			1355
White, square wood; lantern roof red. On whitewashed square concrete pier with battered sides, 25 feet high.	21	1906			1356
Brown square steel skeleton tower with white wooden slatwork on upper portion of side facing channel; enclosed upper part white, wood; octagonal iron lantern. On whitewashed square concrete pier with battered sides, 19 feet high.	86	1906		Lights visible in the line of range. Lights mark axis of dredged channel from curve below Ste. Anne de Sorel to Nepigon shoal gas buoy No. 146 L.	1357

## 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.
1358	NEPIGON SHOAL GAS BUOY No. 146 L.		46 3 41	73 5 32	Occ. white.....	D, gas	13	.....
1361		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	43	3
1362	SOREL	On S. W. corner of Wharf, 200 feet S. 6° 30' W. from front light.			F. red, gas.....	C	59	3
1366		Front light on south side of Ile aux Cochons, about $\frac{1}{10}$ mile from its south-east end.	46 3 30	73 9 22	F. white.....	C	39	6
1367	ILE DU PADS.....	Back light on western end of Ile du Pads, 1,960 feet N. 30° 5' E. from front light.			F. white.....	C	71	6
	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.
Red steel spar buoy, surmounted by a lantern.	.....	1906			1358
Red square steel skeleton tower; red square iron lantern.	35	1863 re-built, 1906	.....	Lights visible in line of range. .... 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, in the Government shipyard on the W. side of the river, and bears S. 38° 20' W.	1361
Red square steel skeleton tower; red square iron lantern.	50	1863 re-built, 1906	.....		1362
White, square, wood; on square concrete pier with battered sides, 22 feet high.	19	1907	.....		1366
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.	69	1907	.....	Lights visible in the line of range. Lights in one mark channel from upper end of Ile aux Foins to the intersection of the alignment of Ile du Pads range lights with the alignment of Lavaltrie range lights.	1367

## 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. $\frac{1}{2}$ 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, 1361.						
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	CONTRECOEUR 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
1391 $\frac{1}{2}$	BELLMOUTH CURVE GAS BUOY No. 16 M.	At lower end of curve.	45 54 48	73 12 49	Occ. red .....	D, gas	13	....
1392	BELLMOUTH CURVE GAS BUOY No. 20 M.	Middle of curve .....	45 54 27	73 12 56	Occ. red .....	D, gas	13	....
1392 $\frac{1}{2}$	BELLMOUTH CURVE GAS BUOY No. 24 M.	At upper end of curve.	45 54 14	73 13 12	Occ. red .....	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	.....	.....	1333
White, square, wood, on white, concrete pier; lantern roof red.	33	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.	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	.....		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 Contrecoeur 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 Contrecoeur course in the axis of the ship channel from Contrecoeur 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	.....	Range lights leading through Flat Islands Channel. Buildings removed in winter, and lanterns on poles used in spring, while piers are submerged.	1390
Red, square, open steel frame with red lantern, and white slat-work target with vertical red stripe.	32	1831 re-built 1896	.....		1391
Red, steel spar buoy, surmounted by a lantern.	.....	1905	.....	.....	1391
Red, steel spar buoy, surmounted by a lantern.	.....	1903	.....	.....	1392
Red, steel spar buoy, surmounted by a lantern.	.....	1904	.....	.....	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 BUOY NO. 45 M.		45 51 36	73 16 12	Occ. white, visible 6 seconds, eclipsed 5 seconds.	D, gas	13	....
1401		About 2 miles above Contrecoeur Village; 450 feet back from shore.	45 50 9	73 16 49	F. white.....	C.....	35	6
1402	CONTRECEUR TRAVERSE.	2,110 feet S. 28° 51' W. from front light.			F. white.....	C.....	95	6
1406		Front tower on pier on flats off Contrecoeur 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		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	VERCHÈRES TRAVERSE RANGE.	Back, 1,900 ft. N. 70° E. from front.			F. white.....	C.....	43	12
1412		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	VERCHÈRES VILLAGE RANGE.	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
1414	PLUM ISLAND GAS BUOY NO. 82 M.	Opposite west end of island.	45 47 16	73 20 52	Occ. red.....	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.
Black, steel spar buoy, surmounted by a lantern.	.....	1903	.....	.....	1393
Black, steel spar buoy, surmounted by a lantern.	.....	1903	.....	.....	1394
White, square, wood, on whitewashed concrete pier.	12	1857 nov'd 1904	.....	Lights visible in the line of range. Lights in one, bearing S. 28° 51' W. mark axis of ship channel through Contrecoeur traverse from bend marked by Gas Buoy No. 45 M. to bend into Ile Bouchard channel marked by the Contrecoeur to Verchères range lights.	1401
Brown, square, steel skeleton tower, with white, wooden slatwork on upper portion of side facing channel; enclosed upper part white, wood, lantern roof red.	64	1857 nov'd 1904	.....	This range also serves for the north channel leading from the alignment of the traverse range lights into Contrecoeur traverse.	1402
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; enclosed upper part white, wood. White-washed concrete pier.	65	1903	.....	Lights visible in, and over a small arc on each side of, the line of range.	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
Red steel spar buoy, surmounted by a lantern.	.....	1905	.....	.....	1414

## 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.
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
1417	VERCHÈRES COURSE GAS BUOY NO. 89 M.	.....	45 46 30	73 22 27	Occ. white.....	D, gas	13	.....
1418		Front, on cribwork pier on E. shore of Ile Deslauriers.	45 42 47	73 26 30	F. white.....	C....	37	11
1419	ILE DESLAURIERS RANGE.	Back, on E. shore of Ile Ste. Thérèse, near its N. end, 9,430 ft. S. 51° 15' W. from front, and 1,880 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		3/4 mile below Répentinny village.	.....	.....	F. white.....	C....	14	4
1424	RÉPENTIGNY.....	510 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		Front light, near shore on N.E. side of Island.	45 41 22	73 27 43	F. white.....	C....	22	10
1429	ISLE STE. THÉRÈSE, LOWER RANGE.	Back range, 600 feet S. 50° W. from front.	.....	.....	F. white.....	C....	48	12
1430	VARENNES CURVE GAS BUOY NO. 129 M.	Lower end of curve....	45 41 56	73 26 48	Occ. white.....	D, gas	13	.....
1431	VARENNES CURVE GAS BUOY NO. 133 M.	Middle of curve.....	45 41 38	73 27 14	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, square, wood, lantern roof red, pier white.	28	1903	.....	Lights visible in, and over a small arc on each side of, line of range. In one show axis of channel from Cap St. Michel to Verchères Point.	1415
Brown, square, steel skeleton tower; enclosed upper part white, wood; lantern roof red.	65	1903	.....		1416
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.	.....	1904	.....	.....	1430
Black, steel spar buoy, surmounted by a lantern.	.....	1903	.....	.....	1431

## 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
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
		Front light on W. shore of island near its N. end.	45 40 25	73 27 26	F. white.....	C.....	30	2
	ILE À L'AIGLE.....							
1435		Back light on E. shore of island, 1,543 feet S. 17° W. from front light.			F. white.....	C.....	52	2
1437		Back light on pier, below river bank, on S. shore of island, 5030 feet N. 36° 30' E. from front light.	45 40 37	73 27 40	F. white.....	C.....	84	5
	ISLE STE. THÉRÈSE, UPPER RANGE.							
1438		Front light on S. shore of Ile aux Vaches.	45 39 56	73 28 8	F. white.....	C.....	32	4
1439		Front light on N. end of Ile St. Joseph.	35 38 43	73 27 19	F. white.....	D, p.	18	4
	BOUCHERVILLE.....							
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. 167 M.		45 36 23	73 30 17	Occ. white.....	D, gas	13	.....
1446		Front light on top of river bank, about 1½ miles below Longue Pointe Church.	45 36 44	73 30 38	F. white.....	C.....	41	4
	LONGUE POINTE TRAVERSE.							
1447		Back light 1013 feet N. of front light.			F. white.....	C.....	65	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.
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. 46° E., forms the Ile aux Vaches transverse range, and indicates axis of dredged channel from point where it leaves alignment of Ile Ste. Thérèse upper range to the bend below Ile aux Vaches light.	1433
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
Red, steel skeleton tower on concrete pier, with white, wooden slatwork on upper portion of side facing channel, enclosed upper part white, wood.	71	1879 reb't 1904	.....	Lights visible in the line of range. Lights in one, astern, lead up on a course S. 36° 30' W. from Ile aux Vaches traverse to Longue Pointe curve.	1437
White, octagonal, wooden lantern on concrete pier with pointed end.	17	1879 reb't 1904	.....		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.	.....	1904	.....	Marks middle of Pointe aux Trembles curve.	1442
White, square, wood; white, octagonal wooden lantern.	23	1903 Tower 1904	.....	Lights visible in the line of range. 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
White, square, wood..	45	1903 Tower 1904	.....		1447





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.
Red, steel, spar buoy, surmounted by a lantern.		1903			1448
Black, steel spar buoy, surmounted by a lantern.		1903			1449
Black, steel, spar buoy, surmounted by a lantern.		1903			1450
Black steel spar buoy, surmounted by a lantern.		1904			1450½
Black steel spar buoy, surmounted by a lantern.		1906			1450½
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 Ile Ronde gas buoy No. 195 M up into the harbour of Montreal.	1454
Lamp attached to day beacon.		1903			1455
.....					1457
.....					1458

## 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.....	23	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'lt 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	.....		1470

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.
1501	LACHINE .....	On end of pier at entrance to canal.	45 26 12	73 40 20	F. white.....	D, 7.. acetylene.	23	6
1502		On crib between old and new canals.	.....	.....	F. red.....	D, 7.. acetylene.	.....	.....
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.	D, 7.. acetylene.	30	10
1505		Back light on cribwork block, 904 feet N. 80° 47' E. from front.	.....	.....	Occ. white..... Bright... 8 secs. Dim. .... 2 secs.	D, 7.. acetylene.	44	12
1506	LACHINE GAS BUOY No. 16 S	1/4 mile above Lachine..	45 25 58	73 41 15	F. red.....	D, gas acetylene.	13	.....
1507	GAS BUOY No. 38 S.	Turning point, upper entrance, Lachine Canal.	.....	.....	Occ. white.....	D, gas	13	4
1507 1/2	GAS BUOY No. 48 S.	At eastern end of turn at Lake St. Louis Lightship No. 2.	45 25 35	73 44 1	Occ. white.....	D, gas	13	4
1508	LIGHTSHIP No. 2	2 1/4 miles above Lachine.	45 25 25	73 44 7	F. white .....	D, 7.. acetylene.	20	6
1510	GAS BUOY No. 76 S.	Between Lightship No. 2 and Lightship No. 3.	.....	.....	Occ. white.....	D, Gas	13	4
1512	CHATEAUGUAY LIGHTSHIP.	Lightship No. 3, 3 1/2 miles above Lachine.	45 24 52	73 45 0	F. white.....	D, 7.. acetylene.	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.....	D, 7.. acetylene.	40	10
1516		1,242 feet S. 65° 5' W. from front light.	.....	.....	F. white.....	D, 7.. acetylene.	50	10

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
White steel cylindrical gasholder on its side, with box on end supporting a lantern.	...	1889			1502
White, circular, steel; white, circular, steel lantern, with red roof.	29	1889 Tower 1900		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 steel spar buoy, surmounted by a lantern.		1849 Buoy 1906			1506
Red steel spar buoy, surmounted by a lantern.					1507
Red steel spar buoy, surmounted by a lantern.		1906			1507½
Red hull, with "Lake St. Louis No. 2" in white. White circular iron tower, lantern roof red.		1850			1508
Red steel spar buoy, surmounted by a lantern.					1510
Red hull, with "Chateauguay" in white. White circular iron tower, lantern roof red.		1849			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

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.
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
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	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, electric....	C. Gas	37	2
1523		Back light 1,826 feet S. 78° 12' W. from front light.	.....	.....	F. red, electric....	C. Gas	50	2
	KNIGHT POINT.....	See No. 1,601 below.						

LAKE ST. LOUIS.

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.					1518
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 Beauharnois 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.
1528	LACHINE GAS BUOY No. 16 S. GAS BUOY No. 53 S.	See No. 1506 above. In 12 feet, off Brown point.	45 26	0 73 45 6	F. white.....	D, gas.....		
1529	DORVAL.....	On a pier N. of channel, between Point Claire Light and Gas Buoy No. 16 S.	45 26 16	73 45 32	F. white.....	D, 7... acetylene.	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... acetylene.	35	11
1533	CARON POINT.....	Two miles below Ste. Anne Lock, N. side of river.	45 24 34	73 54 38	F. white.....	D, 7... acetylene.	28	10
1536	ISLE PERROT.....	On small pier on shoreline, S. side of channel below Ste. Anne.	45 23 59	73 55 0	F. white with a red and a green sector	D, 7... acetylene.	16	9
1537		On pier at S. E. end of dredged channel crib.	45 24 3	73 55 56	F. white.....	D, 7... acetylene.	24	10
1538	STE. ANNE DE BELLEVUE.	On N. W. end of channel cribwork, about $\frac{3}{4}$ mile below the lock.	45 24 22	73 56 8	F. white.....	D, 7... acetylene.	24	10
1539	STE. ANNE LOCK.....	At southeast entrance of lock.	45 24 24	73 56 57	F. red.....		12	2
1541		Front light on outer end of north pier of canal.	45 24 29	73 57 13	F. white.....		12	2
1540	STE. ANNE LOCK RANGE.	Back light on pier of canal, 1,200 feet S. 38° E. from front light.			F. white.....		20	4
1543	POINT A 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... acetylene.	28	5
1544	OKA.....	On Pointe du Lac, or Sandy Point, $\frac{1}{2}$ miles above village of Oka.	45 28 0	74 6 40	F. white.....	D, 7... acetylene.	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.
Black, steel spar buoy, surmounted by a lantern.	.....	1904	.....	.....	1528
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	.....	These lights guide through the dredged channel below Ste. Anne Lock.	1537
White, square, wood..	24	1878	.....		1538
White, square, wood..	.....	.....	.....	Marks southeast entrance of canal, and is to be left on the port hand when entering. Maintained by Department of Railways and Canals.	1539
White, square, wood..	.....	.....	.....	Lights in one lead into the canal from the lake of Two Mountains, and are to be left on the port hand when entering. Maintained by Department of Railways and Canals.	1541
Lantern on a mast....	.....	.....	.....		1540
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.	1543½
White, square, wood, on cribwork pier.	28	1898	.....	.....	1544

## 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.
1546	POINT AUX ANGLAIS.	On pier, about 400 yards off the point.	45 29	0 74 8 10	F. white.....	D, 7..	26	10
1547	ST. PLACIDE.....	N. side of river, near wharf.	45 31	0 74 9 25	F. white. ....	D, 7..	15	6
1548		930 feet N. 59° E. from front light.			F. white.....	C.....	62	6
1549		340 ft. N. 11° W. of front tower.			F. white.....	C.....	48	3
1550	GRAHAM.....	Front light on the wharf	45 29	0 74 12 24	F. red.....	D, p..	25	3
1551		Back light at top of river bank, 530 feet S. 54° 45' W. from front light.			F. red.....	C.....	41	3
1551	CARILLON.....	Front light on N. bank of canal entrance, 125 feet above upper gate of No. 2 Carillon lock.	45 35 45	74 23 36	F. white.....	C.....	27	3
1551		Back light north of canal, 1,200 feet N. 80° E. from front light.			F. white.....	C.....	48	3
1552	CHUTE À BLON-DEAU.	Front light on hillside above Cushing wharf, N. side of river.	45 36 44	74 25 23	F. white.....	C.....	80	3
1552		Back light 1,100 feet N. 88° E. from front light.			F. white.....	C.....	94	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	PAPINEAUVILLE...	Front range, on N. shore of Bay, 1 1/4 miles E. of Papineauville wharf.	45 38 30	74 59 0	F. white.....	C.....	20	2
1558		Back range, 232 feet northerly from front light.			F. white.....	C.....	30	2

DIVISION—Continued.

OTTAWA—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 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 Tower 1902			1549
Lantern on white mast, with white diamond shaped slatwork day-mark attached, in front of grey store-house.	20	1904		Lights in one, bearing S. 54° 45' W. lead in through dredged channel to the wharf.	1550
Lantern on white mast, with white diamond shaped slatwork day-mark attached. White shed at base.	22	1904		Lights visible in line of range.	1551
Lantern on white wooden open framework tower.	24			Lights visible in line of range. Lights in one astern lead up through narrow channel in approach to Chute à Blondeau.	1551½
Lantern on white wooden open framework tower.	40			Maintained by Department of Railways and Canals.	1551½
Lantern on white wooden open framework tower.	30			Lights visible in line of range. Lights in one astern lead up through the narrow channel in the drowned rapids of Chute à Blondeau on a course of S. 88° W.	1552
Lantern on white wooden open framework tower.	25			Maintained by Department of Railways and Canals.	1552½
White, square, wood..	43	1871 rebuilt 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

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.
1560	WAY SHOAL.....	On low shore, N. side of river.	45 32 0	75 28 45	F. white.....	C.....	30	8
1561	WAY CHANNEL.....	Front light on N. bank of river, about $\frac{1}{4}$ mile below mouth of Blanche river.	45 29 56	75 32 2	F. white.....	D, p.....	29	4
1561½		Back light 490 feet S. 80° 40' W. from front light.			F. white.....	D, p.....	49	4
1561½		Front light on N. bank of river, about $\frac{1}{4}$ mile below mouth of Blanche river.			F. white.....	D, p.....	29	1
1561½	BESSERER CROSSING.	Back light 325 feet N. 48° 30' E. from front.			F. white.....	D, p.....	49	1
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
1567	BRITANNIA.....	On outer end of pier, S. side of lake at its lower end.	45 21 50	75 48 26	Occ. red, visible 5 secs.; eclipsed 2½ secs.; electric incandescent.	D, 7.....	26	6
1568	AYLMER ISLAND.	1½ miles W. of Aylmer village wharf.	45 25 0	75 53 0	F. white.....	D, 7.....	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.....	30	6
1571		About $\frac{1}{2}$ mile S. 45° E. from front light.			F. white.....	C.....	50	6
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. white.....	D, 6.....	29	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, $\frac{1}{2}$ mile above old Fort Coulonge	45 52 10	76 47 0	F. white.....	D, p.....	30	10

DIVISION—Continued.

OTTAWA—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Sides alternately red and white, hexagonal, wood.	25	1870			1560
Lantern on mast with white diamond-shaped slatwork daymark attached.	20	1906		Lights in one bearing S. 80° 40' W. lead up between Way Shoal and the north shore to a point nearly abeam of the front light of Besserer Crossing Range, when the alignment should be left on the starboard hand to swing into the Besserer Crossing alignment.	1561
Lantern on mast with white diamond-shaped slatwork daymark attached.	40	1906			1561½
Lantern on mast with white diamond-shaped slatwork daymark attached.	20	1906			1561¼
Lantern on mast with white diamond-shaped slatwork daymark attached.	40	1906		Lights in one eastern lead through the channel dredged across the head of Way Shoal, on a course of S. 48° 30' W. from a point abeam of the front light of the Way Channel range to deep water on S. side of river.	1561½
White, square, wood, on a brown circular pier, lantern red.	21	1860 rebuilt 1900		Visible from all points of approach.	1562
Octagonal wooden lantern, with base brown and upper part green, on middle of flat roof of pavilion.	25	1872 mov'd 1905		Visible from all points of approach by water.	1567
White, square, wood.	34	1883 rebuilt 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. These two lights, in range, lead through the deepest channel over Constance Shoal.	1571
White, square, wood.	25	1883 moved 1889		To indicate the low point, and the shoals off it.	1573
White, square, wood, with red lantern.	29	1873			1575
White, square, wood, on whitewashed concrete pier.	26	1885 Tower 1906		Visible from all points of approach.	1576
White, square, wood.	29	1873		Visible up and down the lake.	1577
Mast, with white shed at base.	20	1885			1579

## 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.
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
1582	ALUMETTE ISLAND...	About 2 miles below Pembroke. On boom pier about 200 feet from shore of island.	45 48 12	77 2 37	F. white.....	D, 6..	29	6
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, 7..	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.
Mast, with white shed at base.	20	1885	.....	.....	1581
White, square, wood, on square cribwork pier.	27	1906	.....	Visible from all points of approach by water. Marks the entrance to the most northerly channel of Allumette rapids.	1582
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	.....	} Visible as far as configuration of lake allows. To be left on star-board hand in going up.	1593
Lantern on mast, with white shed at base on cribwork pier.	19	1890	.....		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.
	BEAUBARNOIS.....	See No. 1515 above.						
1601	KNIGHT POINT	1st range light, S. side of channel, about 1½ miles from guard lock at upper entrance to Beaubarnois Canal.	45 15 18	74 8 17	F. white .....	D, 7... acetylene.	13	3
1602		2nd range light, on mainland, 93 yards S.W. of 1st range.			F. white.....	D, 7... acetylene.	19	3
1603		3rd range light, S. side of channel. 396 yards N.W. of 2nd light.			F. white .....	D, 7... acetylene.	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 .....	D, 7... acetylene.	38	11
1605	GROSSE POINT GAS BUOY No. 25 F.	Off the point, 1,200 feet westward of Grosse Point lighthouse.	45 15 10	74 8 55	F. white.....	D, Gas	13	....
1607	SOULANGES CANAL, UPPER ENTRANCE RANGE.	Front light on S. end of W. pier.	45 15 52	74 10 53	F. red, electric....	C ...	31	5
1608		Back light 1,585 feet N. 50° E. from front light.			F. red, electric....	C ...	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
1611	COTEAU LANDING	On Government Pier.	45 15 38	74 11 30	F. white, with a red sector facing east to channel.	D, 7... acetylene.	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
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	13	4
1616	PORT LEWIS GAS BUOY No. 22 F.	In 9 feet, on S.W. end of shoal N. of pier at Port Louis.	45 10 32	74 17 39	Occ. white.....	D, Gas	.....	.....
1617	McKIE POINT...	On N. shore.....	45 11 38	74 19 38	F. white.....	D, 7... acetylene.	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	.....	These two lights in one indicate the point where vessels should leave the axis of the canal in going westward.	1601
Red, square wood, on a pier.	18	1850	.....		1602
White, square, wood, on pier.	12	1850	.....	These two lights lead up to the piers which they mark and are passed close to, Knight Point No. 3 being left on the port hand and Grosse Point main light on the starboard hand in passing to the westward. Grosse Point light also serves as a guide into the canal from up the lake.	1603
White, square, wood..	30	1848 re-built 1882	.....		1604
Black steel spar buoy, surmounted by a lantern.	.....	1906	.....		1605
White, circular, iron: white, circular, metal lantern with red roof.	35	.....	.....	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.	1607
White, circular, iron: white, circular, metal lantern with red roof.	.....	.....	.....		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, spar buoy, surmounted by a 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, spar buoy, surmounted by a lantern.	.....	.....	.....	.....	1615
Red, steel cylindrical buoy, surmounted by conical cage and lantern.	.....	1904	.....	.....	1616
White, square, wood..	30	1847 rebl't 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 23 4	F. white.....	D, 7... acetylene.	31	10
1622	CHERRY ISLAND.	S. side of channel.....	45 7 53	74 24 4	F. white.....	D, 7... acetylene.	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
1623 $\frac{1}{2}$	GAS BUOY NO. 69 F.	$\frac{3}{4}$ mile eastward of Lancaster Bar lighthouse.	45 7 21	74 26 28	F. white .....	D, gas	.....	.....
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.....	D, 7... acetylene.	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
1626	GAS BUOY NO. 64 F.	In 18 feet, one mile east of South Lancaster.	45 8 3	74 27 56	Occ. white.....	D, Gas	.....	.....
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... acetylene.	33	10
1628	SQUAW ISLAND GAS BUOY NO. 78 F.	S. of island .....	45 4 58	74 30 10	Occ. white.....	D, Gas	13	.....
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, 7... acetylene.	26	4
1631	HAMILTON ISLAND.	Most south-easterly point.	45 3 47	74 32 4	F. white.....	D, 7... acetylene.	42	10
1632	CLARK ISLAND GAS BUOY NO. 84 F.	South-east of island....	45 2 42	74 34 14	Occ. white.....	D, Gas	13	4
1683	GLENGARRY OR STONEHOUSE POINT	North shore of river...	45 2 10	74 36 57	F. white.....	D, 7... acetylene.	42	10
1685	COLQUHOUN ISLAND GAS BUOY NO. 88 F.	South-east of island....	45 1 23	74 38 59	Occ. white.....	D, Gas	13	4
1686		Front light on cribwork pier on W. end of dyke.	45 1 3	74 39 44	F. white.....	D, 7... acetylene.	18	6
1687	ST. REGIS DYKE...	Back light on cribwork pier on E. end of dyke, 500 feet S. 67° E. from front light.	.....	.....	F. white.....	D, 7... acetylene.	30	6

LAKE ST. FRANCIS.

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		There is 17 ft. water in the channel 100 ft. N. of light.	1620
White, hexagonal, wood, with lantern roof red.	41	1847 re-built 1883			1622
Red, steel, cylindrical buoy, surmounted by slatwork cage supporting a lantern.					1623
Black steel cylindrical buoy, surmounted by a pyramidal steel frame supporting a lantern.		1906			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
Red, steel spar buoy, surmounted by a lantern.		1904			1626
White, hexagonal, wood, lantern red.	30	1844 re-built 1886	Hand horn answers signals from vessels.		1627
Red, steel, spar buoy, surmounted by a lantern.					1623
White, cylindrical steel gas tank rising from concrete base, and surmounted by red iron box and red lantern.	23	1901 reb't 1904		Visible from all points of approach.	1629
White, square, wood..	36	1873			1631
Red, steel, spar buoy, surmounted by a lantern.					1632
White, square, wood, with dwelling attached.	36	1873			1683
Red, steel, spar buoy, surmounted by a lantern.					1685
White, cylindrical steel gas tank rising from concrete base, surmounted by red iron box and red lantern.	15	1902		Lights visible from all points of approach. The lights in one, bearing N. 67° W. lead up river to turn at Cornwall Island point.	1686
White, cylindrical steel gas tank rising from concrete base, and surmounted by red, conical slatwork cage and red lantern.	27				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	ST. REGIS DYKE GAS BUOY No. 96 F.	Opposite east end of Cornwall Island.	45 1	874 39 50	Occ. white.....	D, Gas	9	
1692	DICKINSON LAND-ING.	S. side of west entrance to Cornwall Canal.	44 59 32	74 54 33	F. red.....	Electric.	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	13	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	13	4
1701	DIXON ISLAND GAS BUOY No. 127 U.	North of island.....	44 46 46	75 23 30	F. white.....	D, Gas	13	...
1763	GAS BUOY No. 136 U.	Upper entrance, Iroquois Canal.	.....	.....	Occ. white.....	D, Gas	13	.....
1705	HEAD OF GALOPE 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, 7.. acetylene.	26	4
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.....	D, 7.. acetylene.	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.
Red, 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 a pyramidal steel frame supporting a lantern.					1694
Red, steel, cylindrical buoy, surmounted by a pyramidal steel frame supporting a lantern.					1695
Red steel spar buoy, surmounted by a lantern.					1698
Red steel spar buoy, surmounted by a lantern.					1699
Black steel spar buoy, surmounted by a lantern.					1701
Red steel spar buoy, surmounted by 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
White, cylindrical steel gas tank rising from concrete base, and surmounted by a red iron box, and a red lantern.	23	1902 reb't 1904		Visible from all points of approach.	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	13	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.....	D, 7.. acetylene.	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.....	D, 7.. acetylene.	55	10
1722	FIDDLERS ELBOW GAS BUOY.	In 13 feet, at the shoal north-west of Wood Island.	44 21	39 75 59 40	Occ. white.....	D, gas	13	....
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, 7.. acetylene.	40	7
1727	GANANOQUE NARROWS GAS BUOY.	Abreast of Gananoque Narrows lighthouse.	44 19	31 76 4 55	Occ. white.....	D, gas	....	....
1728	GANANOQUE NARROWS.	N.E. end of Little Slave Island, S. side of channel, 5 miles below Gananoque.	44 19	32 76 4 58	F. white.....	D, 7.. acetylene.	44	7
1729	JACKSTRAW SHOAL..	N. side of channel, 2 miles below Gananoque.	44 19	28 76 7 15	F. red .....	D, 7.. acetylene.	34	7
1730	SPECTACLE SHOAL...	N. side of channel, $\frac{1}{4}$ mile W. of Gananoque.	44 18	40 76 11 9	F. white.....	D, 7.. 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.....	D, 7.. 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 .....	D, 7.. acetylene.	70	5
1737	WOLFE ISLAND CUT GAS BUOY.	S.E. end of dredged cut through Blanket shoals at foot of island.	44 14	6 76 10 46	Occ. white.....	D, gas	....	....
1738	WOLFE ISLAND.....	On Quebec or E. point.	44 14	17 76 11 10	F. white.....	D, 7.. acetylene.	46	6
1738	COLD BATH SHOAL GAS BUOY.	In 14 feet, at east end of shoal.	44 14	30 76 20 28	Occ. red .....	D, gas	13	....
1739	BROWNS OR KNAPP POINT.	Wolfe Island ... ..	44 13	57 76 24 3	F. white.....	D, 7.. acetylene.	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 spar buoy, surmounted by 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
Red steel spar buoy, surmounted by a lantern.	.....	1904	.....	.....	1722
White, square, wood..	26	1856	.....	.....	1723
Red steel cylindrical buoy, surmounted by a conical statwork and a lantern.	.....	1905	.....	.....	1727
White, square, wood..	37	1856	Hand horn answers signals from vessels.	.....	1728
White, square, wood, on a pier in river.	29	1856	.....	Visible from all points of approach. 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.	1729
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 cylindrical steel gasholder, surmounted by red pyramidal steel frame supporting a lantern.	33	1856 Gas Beacon 1906	.....	Light is unwatched .....	1732
Red steel spar buoy, surmounted by a lantern.	13	1903	.....	.....	1737
White, square, wood..	39	1861	.....	.....	1738
Red steel spar buoy, surmounted by a lantern.	.....	1906	.....	.....	1738 $\frac{1}{2}$
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. N'y 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... acetylene.	38	6
1748	MIDDLE GROUND GAS BUOY.	W. end of middle ground between Snake island and Seven Acre shoal	44 10 38	76 33 30	F. white.....	D, gas	13	....
1749	NINE MILE OR GAGE POINT.	S.W. Point, Simcoe Island, 9 miles W. of Kingston.	44 9 12	76 33 30	Occ. white..... Visible 5 secs. Eclipsed 4 secs.	D, 7... acetylene.	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



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
Black steel spar buoy, surmounted by a lantern.	.....	1903	.....		1748
White, circular, stone. Fog-alarm building white, with brown roof.	40	1833 Fog-horn 1894	Diaphone, operated by compressed air, gives one blast of 7 seconds' duration every minute.		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. White, rectangular, wooden fog alarm building with red roof.	62	1828 Fog alarm 1904	Diaphone, operated by compressed air, gives one blast of 4 seconds' duration every minute.	Trumpet, elevated 15 feet above the level of the lake, projects from southerly face of fog-alarm building.	1754
White square, wood, with dwelling attached.	36	1881	.....		1755

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.
	Snake Island.	See above No. 1747.						
1758	CENTRE BROTHER ISLAND	On northernmost point.	44 12 26	76 37 49	F. white.....	D, 7.. acetylene.	31	10
1760	POINT PLEASANT OR INDIAN POINT.	Entrance to Bay of Quinte.	44 6 36	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
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

BAY OF QUINTE AND MURRAY CANAL CHANNEL.

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, 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
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

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.
1769	TRENTON.....	Front light on west side of harbour.	44 5 47	77 34 30	F. red.....	D, 7..	20	2
1770		Back light 520 feet N. 70 <sup>1</sup> / <sub>2</sub> ° W. from front light.			F. red.....	D, 7..	42	2
1772	MURRAY CANAL...  BAY OF QUINTE AND MURRAY CANAL CHANNEL.	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
1779		No. 3.—7 200 feet from end of 'nal piers and 3,920 f. from Brighton wharf	44 1 29	77 42 5	F. white.....	C ...	29	3
1780	BRIGHTON RANGES...	No. 2.—5,360 feet W. by S. <sup>3</sup> / <sub>4</sub> 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. <sup>1</sup> / <sub>4</sub> E. from No. 2, and 1,100 feet from Brighton wharf.	44 1 27	77 42 55	F. white.....	C ....	28	6
	PRESQU'ILE.....	See No. 1,794 below.						

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.
Lantern on white mast, with white diamond-shaped target at top; white shed at base.	20	1905	}	Lights in one, bearing N. 70½° W., lead in from the eastward through the dredged channel.	1769
Lantern on white mast, with white diamond-shaped target at top; white shed at base.	30	1905			1770
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	1891			1775
Open truss bridge.....	1891	1891			1776
White circular column rising from hexagonal base.	18	1891 reb't 1899	}		1777
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. ¼ W.	1779
White, square, wood on square pier.	47	1891			1780
White, square, wood on octagonal pier.	30	1891	}	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.	1781

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.
	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.....	C....	26	10
1793		508 feet N.E. $\frac{3}{4}$ E. from front light.			F. red.....	C....	37	7
1794	PRESQU'ILE.....	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. $\frac{3}{4}$ 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	Occ. white..... Visible 10 secs. Eclipsed 5 secs.	D. 4..	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, 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	1836	Hand horn answers signals from vessels.	.....	1780
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.....			
1 809	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		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	TORONTO EAST PIER.	Back range N. W. by N. 2,400 ft. from front light.			F. red .....	D, 7..	27	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 sec. onds.	C .....	66	14
1819		Front range on N. W. corner of Queen's Wharf.	43 37 55	79 24 45	F. white.....	D, p..	23	9
1 820	TORONTO.....	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..	39	11
1824	OAKVILLE.....	Near inner end of main pier.	43 26 40	79 40 12	F. white.....	D, 7..	39	11
1825	BRONTE .....	On north pier near its outer end.	43 25 17	79 41 43	F. white .....	D, 6..	27	10
1826		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	BURLINGTON BAY.	Front range light near outer end of S. pier			F. white.....	D, 7..	39	11
1828		On inner end of S. pier, 1,300 feet S. 67° W. from main tower.	43 18 15	79 48 47	F. red .....	D, 7..	20	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, wooden, tower surmounted by iron lantern rising from roof of store house.	28	1847 im-prov'd 1890		Maintained by the Newcastle Harbour Co.	1805
On a stone house ..				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.	1813
White, square, wood; lantern roof red.	22	1898 tower	Diaphone, operated by compressed air, gives one blast of 7 seconds' duration every 45 secs.	Lights in one show the line of the pier.	1814
White, square, wooden fog-alarm building with green roof.		1906 Fog-alarm 1905		Back light visible from all points of approach by water Fog-alarm building on beach just E. of E. pier, $\frac{1}{2}$ mile southeastward of light. Horn projects from dormer on S.E. side of building.	1818
White, hexagonal, stone. Keeper's dwelling near.	62	1820			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, lantern red.	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
White, square, wood..	27	1906		Visible from all points of approach by water.	1825
Gray, circular, stone building, iron lantern red.	79	1838	Hand horn answers signals from vessels.		1826
Red square steel skeleton tower; red square iron lantern.	36	1845 reb't 1905		Visible from all points of approach by water.	1827
White, square, wood; lantern roof red.	22	1899 tower 1906		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.	D, 4.	56	13
1831		Near outer end of east pier, and 1,500 feet N $\frac{1}{4}$ E. from main light.			F. red, electric.	D, 6.	42	8
1833	NIAGARA BELL BUOY	In 20 feet off W. side of mouth of river.	43 17 40	79 5 30				
1834	NIAGARA-ON-THE-LAKE.	Front light near S.E. corner of Niagara Navigation Co.'s wharf.	43 15 22	79 3 54	F. red.	C	30	7
1835		Back light on shore, 690 feet S. 21 $\frac{1}{2}$ ° E. from front light.			F. red.	C	43	8

LAKE

	WAVERLY SHOAL GAS BUOY.	Maintained by U. S. Government.						
1839	PORT COLBORNE.	Back light temporarily on G. T. Railway elevator on E. bank of canal.			F. white, electric.	Arc lights.	78 81 84	14
		On cribwork block on W. side of canal.			F. red.	C	35	
1840	PORT COLBORNE WEST BREAKWATER	Front light on outer end of western breakwater.	42 52	2 79 15 13	F. red.	D, 4.	50	8
1841	PORT COLBORNE EAST BREAKWATER	On outer end of eastern breakwater.	42 52	0 79 15 5	Occ. white.	D, gas acetylene.	24	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	.....	Visible from all points of approach lakeward. Should the electric power fail at any time, a fixed white oil light will be shown temporarily.	1830
White, square, wood..	38	1879	Bell rung by hand answers signals from vessels.	Visible from all points of approach. Should the electric power fail at any time, a fixed red oil light will be shown temporarily.	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. $\frac{1}{2}$ S. $2\frac{3}{4}$ miles; Fort Massassauga S. by E.; Four Mile Point S.W. $\frac{1}{2}$ S. Vessels entering can run close to buoy leaving it on starboard hand.	1833
White, square, wood; red iron lantern. White, rectangular, wooden fog alarm building on cribwork foundation; roof red.	32	1904	Diaphone, operated by compressed air, gives one blast of 5 seconds' duration every 2 minutes.	Fog alarm building on edge of river, 13 cables below front lighthouse. Trumpet is elevated 10 feet above level of lake.	1834
White, square, wood; red iron lantern.	45	1904	.....	Lights visible in, and over a small arc on each side of, the line of range. Lights in one, bearing S 213° E., lead into the river from bell buoy on outermost shoal at entrance.	1835

ERIE.

Three lamps in a vertical line, suspended from wall of elevator, temporarily.	....	.....	Steam horn sounds blasts of 11 seconds every 13 minutes.	The front light on the west breakwater in line with the back light on the G. T. Railway elevator, bearing N. 173° E., lead in from Lake Erie clear of all shoals. The west breakwater light is to be left on the port hand in passing.	1839
White, square, wood.	27	1878 moved 1901	.....	.....	.....
White, square, concrete, sides of lower part vertical and of upper part sloping; red, octagonal, iron lantern.	46	1903 Fog alarm 1904	Diaphone, operated by compressed air, gives blasts of 43 seconds' duration separated by silent intervals of 533 seconds.	Visible from all points of approach by water. The trumpet, elevated 40 feet above the level of the lake, projects from the south side of the lighthouse tower.	1840
Pyramidal concrete beacon, surmounted by a lantern.	.....	1906	.....	Visible from all points of approach. Light is unwatched. Vessels should not approach within 100 feet of the western end of the breakwater.	1841

## 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.
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
1846	PORT DOVER. . . . .	110 feet from outer end of W. pier.	42 46 52	80 12 10	F. white. . . . .	D, 7. . .	34	11
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.	On E. side of harbour, 820 feet north of shore line and 2,030 feet N. 10° E. from front range light.	42 39 00	80 48 15	F. white . . . . .	C . . . .	89	15
1854	PORT BURWELL RANGE.	Front light on southwest corner of east pier.	.....	.....	F. white. . . . .	D, p. . .	14	6
1855		Back light on east pier, 530 feet N. 4° E. from front light.	.....	.....	F. red. . . . .	D, p. . .	18	5
1856	PORT STANLEY. . . . .	W. pier head. . . . .	42 39 55	81 12 40	F. white . . . . .	D, 6. . .	42	11
1859	RONDEAU HARBOUR	On outer end of the E. breakwater pier.	.....	.....	F. white. . . . .	D, 7. . .	36	11
1860		780 feet N. by E. ½ E. from front light.	42 15 32	81 54 18	Alt. red and white 1½ minutes.	C . . . .	70	14
1862	SOUTH EAST SHOAL LIGHTSHIP.	In 6½ fathoms 1 mile southeastwardly from southern extremity of shoal.	41 49 21	82 27 10	F. white (3lanterns 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

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, 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
White, square, wood, iron lantern red.	35	1846 reb't 1905		Front light visible from all points of approach by water. 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, rectangular, with red roof.	60	1843 Fog-alarm 1892	Diaphone, operated by compressed air, gives one blast of 3 seconds' duration every 30 seconds.	Fog alarm building 1297 feet S.E. of light. Horn, 20 feet above water, projects from south face of building.	1849
White, square, wood, dwelling attached.	56	1879		Visible from all points seaward.	1851
White, octagonal, wood; red wooden lantern.	55	1840			1853
Lantern on a pole.....	9	1906		Lights visible in the line of range. Lights in one, bearing N. 4° E. will indicate a line parallel to and 5 feet east of the east edge of the dredged entrance channel.	1854
Lantern on a pole ....	13	1906			1855
White, square, wood..	35	1844 reb't 1882		Visible from all points seaward. . .	1856
Red, square, steel skeleton tower, surmounted by red square iron lantern.	36	1876 mov'd 1891 reb't 1905	Hand horn answers signals from vessels.	The alignment, N. by E. ½ E., leads to entrance, and lights must be left on starboard hand in entering. Lights visible from all points of approach by water.	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

## 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.
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
1868	GRUBB REEF GAS BUOY.	In 25 feet, on the reef.	41 53 7	82 33 3	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		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	KINGSVILLE	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 LIGHT-SHIP.	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		Front light 1,880 feet S. 44° 20' E. from Bois Blanc Island light.	42 5 7	83 6 23	F. red.	C	50	2
1880	ELLIOTT POINT RANGE.	Rear light 1,060 feet S. 2° 12' E. from front one.			F. red.	C	70	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.
White, circular, stone.	40	1833	Hand horn answers signals from vessels.	W. by S. clears Pelee Shoal . . . . .	1865
White, square, wood.	49	1872			1866
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			1871
White, with iron lantern red, square, wood.	29	1886 mov'd 1889		In one lead to entrance, the outer light being left on starboard side in entering. Visible from all points of approach.	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. $\frac{1}{4}$ E. 18,200 feet, and Bar Point Light S. $\frac{3}{4}$ 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
White, steel skeleton tower, with a daymark of white slats at the top.	50	1898 tower 1905		Maintained by the Lake Carriers' Association. Range shows best water between Bois Blanc I. and Amherstburg.	1879
White, steel skeleton tower, with a daymark of white slats at the top.	70	1898 tower 1905			1890

## 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.....	54	8
1884		Back range, 558 feet N. 16° E. from front.			F. red.....	C.....	73	8
1889	LIMEKILN CROSSING RANGE.	Front light 300 feet out from shore of Bois Blanc island, $\frac{1}{4}$ mile southward of its north end.	42 6 7	83 7 4	F. white.....	D.....	10	2
1890		Back light at shore of Bois Blanc island, 703 feet S. 5° W. from front light.			F. red.....	D.....	20	
	LIMEKILN CROSSING SOUTH LIGHT VESSEL.	Maintained by the U. S. Government.						
	LIMEKILN CROSSING NORTH LIGHT VESSEL.							
1893	FORT MALDEN RANGE.	Front light, on E. side of river, about $\frac{1}{2}$ mile above head of Bois Blanc Island.	42 6 48	83 6 44	F. white.....	C.....	71	5
1894		Back light, 700 feet S. 15° E. from front light.			F. red.....	C.....	98	5
1895	TEXAS DOCK RANGE.	Front light on outer end of dock.	42 7 41	83 6 53	F. red.....	D.....	16	2
1896		Back light on shore, 1,491 feet N. 5° E. from front.			F. white.....	D.....	41	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; surmounted by wooden slatted disc.	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, pyramidal, steel, surmounted by red, wooden disc.		1889 reb't 1904			1884
Lantern attached to white diamond-shaped target with black vertical stripe, supported on piles.	30	1886 mov'd 1907		Lights in one marks channel from intersection of their alignment with alignment of Fort Malden Range Lights to intersection of their alignment with alignment of Elliott Point Range Lights.	1889
Lantern attached to white diamond-shaped target with black vertical stripe, supported on piles.	50	1886 mov'd 1907			1890
Square, pyramidal, skeleton, steel, with white base and slatted white disc at the top.	50	1889 reb't 1904		Maintained by American vessel owners.	1893
Square, pyramidal, skeleton, steel, with red base and slatted red disc at the top.	80	1889 reb't 1904			1894
Lantern on a pole with white rectangular target attached.		Mov'd 1907		Maintained by Messrs. Duff and Gatfield, pilots, at head of dredged channel. Lights in one mark channel from intersection of their alignment with alignment of Elliott Point Range Lights to intersection of their alignment with alignment of Fort Malden Range Lights.	1895
Lantern on a pole with white rectangular target attached.		Mov'd 1907			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.
1902	THAMES RIVER GAS BUOY.	In 14 feet water, in Lake St. Clair, $1\frac{1}{2}$ miles N. $37^{\circ}$ W. from Thames River main light.	42 20 15	82 28 30	Occ. white.....	D, gas	.....	.....
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. $37^{\circ}$ W. 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	CORUNNA RANGE..	On W. side of Beresford street, 568 feet S. $13^{\circ}$ 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. $2\frac{1}{2}^{\circ}$ 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.....	41	5
1926		On N. pier, 1,533 feet S. $77^{\circ}$ E. from front range light.	.....	.....	F. green.....	C.....	34	5
1927		Back light on the beach, 1,400 feet S. $87\frac{1}{2}^{\circ}$ E. from the front light.	.....	.....	F. red .....	.....	68	9

ONTARIO—Continued.

ST. CLAIR.

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 pyramidal steel frame supporting a lantern.	.....	1906	.....	The buoy is in the alignment of Thames River range lights. The buoy may be left on the star-board hand when making the entrance of Thames River.	1902	
White, circular, stone.	59	1837	.....		These two lights, in one, lead over bar.	1903
Red, open frame, square wood.	23	1845	.....			1904

ST. CLAIR.

Lantern on a mast with white shed at base, on pile foundation.	11	1900	.....	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.	1911	
White, square, wood ..	42	1890	.....		1915	
White, square, wooden.	42	1890 Re-built 1892	.....			1916
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
White, square, wood..	54	1903	.....			1920

BAY AND NORTH CHANNEL.

White, square, stone, with dwelling attached.	20	1847	.....	To enter harbour the red range lights should be kept in one bearing S. 87½° E. until within 700 feet of the front light, when the course should be changed so as to keep the front red light and the green light on the north pier sufficiently open to pass 25 to 100 feet south of both in the axis of the dredged channel.	1923	
Red brick, with wooden roof and 2 high brick chimneys on lakeside, partially hidden by storehouse.	...	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. ¾ E. from outer red light. Maintained by Corporation.	1924
White, square, open frame.	33	.....	.....		1925	
White, square, wood..	31	Re-built 1880	.....		1926	
Lantern on a mast ....	.....	1905	.....		1927	

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.
1928	POINT CLARK.....	On extremity of low point.	44 4 23	81 45 31	Rev. white, 30 seconds.	D, 2..	93	15
1930		Front light on N. pier, 230 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	PORT ELGIN. } 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		On N. extremity of Government wharf.			F. white.....	D, 7..	21	9
1937	PORT ELGIN. } NORTH RANGE	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
1941		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
1942	SOUTHAMPTON HARBOUR.	Fog-alarm on town waterworks building on lake shore.						
1943		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	SAUGEEN.....	Back light on hill S. 80° E. 2,350 feet from pier light.			F. green.....	D, p..	61	4
1947	LYAL ISLAND.....	On W. side of Island..	44 57 10	81 25 10	Rev. white, 15 seconds.	C....	51	12
1948		Front light on N.W. extreme of most westerly Knife Island.	44 58 2	81 23 30	F. white.....	C....	30	10
1949	STOKES BAY .....	Back light on mainland on E. shore of bay, 4,250 feet N. 74° E. from front light.			F. white.....	C....	61	13

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, circular, stone.	87	1859			1928
Brown, steel, square, skeleton tower, surmounted by a white octagonal, wooden lantern.	33	1874 Re-built 1903		Both lights visible from all points seaward. The two in line lead somewhat to the northward of the head of the north pier.	1930
Fawn colour, octagonal wood, dwelling attached, on high stone foundation.	63	1881			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.
Lantern on a mast, with white shed at base.	14	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.	1934
Lantern on a mast, with white shed at base.	18	1895			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 mov'd 1901		Alignment leads to opening in break-water at N. end of harbour. Depth in channel 16 feet.	1942
Rectangular, yellowish brick building, with flat roof and iron smoke stack.		Fog-alarm 1905	Steam whistle, 28 feet above water, gives 2 blasts of 5 seconds' duration each, every minute, thus: blast 5 secs.; silent 5 secs.; blast 5 secs.; silent interval 45 secs.	Fog alarm ¼ mile southwestward from south side of mouth of Saugeen River. Maintained by Corporation.	1943
White, square, wood..	31	1885 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. Lights in one guide small vessels into mouth of Saugeen River through narrow dredged channel 8 ft. deep.	1943
White, square, wood..	31	Tower 1903			1944
White, square, wood dwelling attached.	57	1885		Coast light and guide to Stokes Bay.	1947
White, square, wood..	33	1904		Lights visible in the line of range. Lights in one, bearing N. 74° E., lead in from the lake to within 1,800 feet of the front one with a least depth of 22 feet.	1948
Brown, square, steel skeleton tower; enclosed upper part white, wood.	64	1904		Mariners without local knowledge should not attempt to reach the wharves at night.	1949

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.
1953	COVE ISLAND. ....	N. point of Cove Island, entrance to Georgian Bay.	45 19 40	81 44 9	Fl. white, bright, 10 seconds; eclipsed 15 seconds.	D, 2..	90	15
	For Georgian Bay	lights, see No. 1971.						
1955		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	SOUTH BAYMOUTH..	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
1958	PROVIDENCE BAY....	On the extremity of Providence Point.	45 39 5	82 16 32	F. white.....	D, 7..	43	11
1960	JENNIE GRAHAM SHOAL BELL BUOY.	In 7 fathoms S. of the shoal.	45 36 1	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
1965	KITCHENER ISLAND..	On northwest extremity of island.	45 54 35	83 30 14	F. white.....	D, 7..	40	11
	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 ½ 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

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, circular, stone. Stone dwelling connected to tower by wooden shed.	85	1859	Diaphone, operated by compressed air, gives one blast of 5 seconds' duration every 2 minutes.	Fog horn located 214 feet W. by N. of the light.	1953
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
White, octagonal, wood; red, octagonal iron lantern.	42	1904	.....	Visible from all points of approach by water.	1958
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. $2\frac{1}{10}$ miles; and the S. extreme of Outer Duck Island, N. 32 $\frac{1}{2}$ ° E. $1\frac{1}{10}$ miles.	1960
White, square, wood, with dwelling attached. Fog-alarm building, white with brown roof.	54	1877 Fog-alarm 1888	Diaphone, operated by compressed air, gives one blast of 3 secs. duration every 30 secs.	Fog alarm located 150 feet S.E. from light. Horn, elevated 20 feet above water, projects from southwest face of the building.	1961
White, square, wood, with dwelling attached. White rectangular wooden fog alarm building with red roof.	28	1873	Diaphone, operated by compressed air, gives two blasts of 2 $\frac{1}{2}$ seconds duration each, every 45 seconds; thus, blast 3 secs.; silent 3 secs.; blast 3 secs.; silent interval 36 secs.	For guiding vessels through Missisquoi Strait for either entrance. Fog alarm building 125 feet south of lighthouse. The resonator, elevated 33 feet above the water, points S. 11° W.	1964
Lantern on a pole.....	.....	1906	.....	.....	1965
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. $\frac{1}{4}$ S. through S. to W. by N. $\frac{1}{4}$ 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

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.
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, GAS, WHISTLING AND BELL BUOY.	In 15 fathoms immediately N. of 9-ft. patch at W. end of shoal.	45 3 27	81 1 20	Occ. white . . . . .	D, gas	30	....
1973	CAPE CROKER. . . . .	On outer extreme of the point 1 1/4 mile south-eastwardly from Cape Croker.	44 57 27	80 57 35	Occ. white . . . . . Visible . . . 23 secs. Eclipsed. 4 1/2 "	D, 7..	31	10
1975	WIARTON. . . . .	Near outer end of break-water, head of Colpoy Bay.	44 45 08	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 38	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	OWEN SOUND. . . . .	On pilework, E. side of mouth of Sydenham River.	44 34 43	80 56 19	F. red . . . . .	C . . . . .	39	7
1982		On pile foundation, 1053 feet S. by W. 3/4 W. from front tower.			F. red . . . . .	C . . . . .	46	8
1983	MEAFORD BREAK-WATER.	On outer end of break-water on N. side of entrance.			Occ. white . . . . .	D . . . . . acetylene.	20	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	THORNBURY . . . . .	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		Back light on W. side of Beaver River, 376 feet S. by W. 1/2 W. from front light.			F. red . . . . .	D, 7..	36	7



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.
Lantern on a pole.....	15	1903	.....	Visible from all points of approach by water.	1970
Black steel cylindrical buoy, surmounted by a steel frame, supporting a whistle, bell and lantern.	..	1893 Gas 1907	Whistle and bell sounded by the motion of the buoy on the waves.	Patches with less than 2 fathoms extend nearly 1 mile east, deep water 2 cables S. of buoy.	1972
White, wood; white, rectangular, wooden dwelling 43 feet in rear. White, rectangular wooden fog alarm building with red roof.	25	1902	Diaphone, operated by compressed air, gives one blasts of 5 seconds duration every minute.	Visible from all points of approach by water Fog alarm building stands to southward of lighthouse. Horn, elevated 30 feet above water, projects from northeast side of building.	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 mov'd 1895	.....	N.B.—There are ranges for ascertaining compass errors at this port. Particulars can be obtained from Harbour Master. 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.	1981
White, square, wood..	46	Built 1895	.....		
Cylindrical steel gas-holder, surmounted by a lantern.	....	1906	.....	Visible from all points of approach. Light is unwatched.	1983
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. The two lights in one, bearing S. by W. ½ W., lead in through centre of dredged channel to entrance between breakwater piers.	1987
Lantern on mast with drab shed at base.	29	1901	.....		

## 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.
1990	NOTTAWASAGA ISLAND.	2 miles N.W. of Collingwood Harbour.	44 32 20	80 15 50	Rev. white, every $\frac{1}{2}$ minute. (See remarks column.)	D, 2..	86	17
1991	LOCKERBIE ROCK GAS BUOY.	In 5 fathoms, 400 feet west of rock.	44 32 13	80 13 52	Occ. white.....	D, gas		
1992	COLLINGWOOD BREAKWATER.	Outer end of W. break-water pier.	44 31 0	80 13 50	F. white.....	D, 4..	41	8
1994		On cribwork pier at turn of dredged channel in harbour. Front light common to Shore Range and Range to Wharves.	44 30 44	80 13 47	F. red.....	D, 6..	29	7
1995	COLLINGWOOD SHORE RANGE.	Back light of Shore Range on mainland 2,644 feet S. 4° W. from front light.			F. red.....	C.....	58	8
1996	COLLINGWOOD RANGE TO WHARVES.	Back light of range to wharves, on cribwork pier 1,530 feet N. 50° W. from front light.			F. white.....	C.....	34	
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	E. white.....	D, 7..	40	11
2007	BRÉBEUF RANGE..	On N. end of Brébeuf Island.	44 52 32	79 53 3	F. white.....	C.....	40	10
2008		Back light on W. shore of Beausoleil Island, 2,400 ft. S. 86° E. from front light.			F. white.....	C.....	55	10
2009		On beach 6 cables, S. 54° E. from Sucker Creek Point.	44 48 20	79 52 20	F. white.....	D, 7..	32	10
2010	MIDLAND POINT RANGE.	Back light on beach 3,020 ft. S. 17° E. from front light.			F. white.....	D, 7..	41	11

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, circular, stone.	85	1859	Hand horn answers signals from vessels.	Red sector covering an arc of 30° S.W. from Fisherman'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
Black, steel, cylindrical buoy, surmounted by a conical slatwork and a lantern.	...	1904			1991
White, octagonal, wood, lantern roof red.	44	1858	Hand horn answers signals from vessels.		1992
White, square, wood. Lantern red.	27	1884 mov'd 1906		Front light visible in alignment of both ranges; back lights visible in the line of range. The front (red) light on the pier in one with the back (red) light on the shore, bearing S. 4° W., leads in clear of Lockerbie Rock on the port hand to the curve in the dredged channel. The front (red) light on the pier in one astern with the back (white) light on the pier, bearing N. 50° W., leads from the curve in the dredged channel to the Grand Trunk Railway freight shed wharf.	1994
Galvanized square steel skeleton tower; enclosed upper part, white, wood.	63	1902 mov'd 1906			1995
White, square, wood.	39	1906			1996
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.	2007
White, square, wood, red roof; on cribwork foundation.	42	1900		The two lights in one, bearing S. 86° E., lead in from outside Bennet Bank to alignment of Midland Point range.	2008
White, square, wood, on concrete pier; lantern red.	33	1900		Visible from all points of approach by water.	2009
White, square, wood; lantern red.	43	1900		The two lights in one lead in S. 17° E. from intersection of alignment of Brébeuf 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.	2010

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.
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
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	Occ. white.....	D, 4, acetylene.	74	14
2020	LONE ROCK GAS AND BELL BUOY.	300 feet from rock, Wabuno Channel.	45 9 12	80 13 55	Occ. white.....	D, gas.....		
2023	SEGUIN BANK GAS AND BELL BUOY.	South end of bank....	45 19 17	80 31 37	Occ. white.....	D, gas.....		4
2024	RED ROCK.....	At entrance to, Parry Sound.	45 21 39	80 24 50	F. white.....	D, 4, acetylene.	63	13
2025	THREE STAR SHOAL GAS BUOY.	In 8 fathoms off N. end of shoal.	45 21 29	80 22 10	Occ. white.....	D, gas.....		
2026		On the westernmost Walton Island.	45 22 18	80 19 38	F. red.....	C.....	39	7
2027	SNUG HARBOUR RANGE.	On S. extremity of island on N. side of entrance to harbour, 3,100 feet E. by N. ¼ N. from Walton Island light.	45 22 27	80 18 58	F. white.....	C.....	62	13
2027 1/2		MIDDLE GROUND GAS BUOY.	Middle ground between Hall Reef and Twin Rock.	45 20 28	80 19 40	Occ. white.....	D, gas.....	
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

PARRY SOUND.

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.
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
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, steel buoy, with cylindrical body and conical top, surmounted by a steel cage supporting a bell and a lantern.	.....	1889 Gas 1904	Bell rung at intervals of about 20 seconds by pressure of gas from the buoy.	Buoy must be kept on starboard hand in going northward.	2020
Black, steel buoy, with cylindrical body and conical top, surmounted by a steel cage, supporting a bell and a lantern.	.....	1898 Bell 1904	Bell rung at intervals of about 20 seconds by pressure of gas from the buoy.		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
Red, steel spar buoy, surmounted by a lantern.	.....	1904			2025
White, square, wood.	29	1894		These two in one lead in E. by N. 4 N. south of Seguin bank through main channel to intersection with Jones Island range.	2026
White, square, wood, rising from roof of rectangular dwelling.	59	1894			2027
Red, steel spar buoy, surmounted by a lantern.	.....	1904			20274
Red, cylindrical steel buoy, "Hooper Island Shoal" in white letters on side, red conical slatwork cage, red lantern.	.....	1898			2028

## 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.
2029		On summit of northernmost Gordon Rock.	45 18 56	80 17 15	F. red .....	C .....	40	7
2030	JONES ISLAND RANGE.	On S.W. point of Jones Island, 2,900 yards S.E. $\frac{1}{4}$ S. from Gordon Rock light.	45 18 0	80 15 42	F. white.....	C .....	63	8
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.								
2035	KILLBEAR POINT	On S.W. extremity of point.	45 20 1	80 10 25	F. white.....	D.... acetylene.	37	7
2036	DEPOT ISLAND..	On beach at western extremity.	45 19 6	80 7 10	Occ. red.....	D, 7... acetylene.	25	6
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).	.....	.....	.....

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.	38	1894	.....	Visible over an arc of 180° between S. E. by E. $\frac{1}{2}$ E., round through S. to N. W. by W. $\frac{1}{2}$ 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
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. $\frac{1}{4}$ N. for about 2 miles or until the Snug Harbour range lights come in one, bearing E. by N. $\frac{1}{4}$ N. and leading through main channel. 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.	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, cylindrical, steel gasholder, surmounted by red, square steel box and a red lantern.	.....	1904	.....	Visible from all points of approach by water. Light is unwatched.	2035
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

## 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.
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
2047	BYNG INLET.	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	80 38 56	F. red.....	C.....	34	8
2048		Rack 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	FRENCH RIVER ...	On Lefroy Island, W. side of mouth of river.	45 56 8	80 54 40	F. red.....	D, 7..	15	6
2055		In mill yard on E. side of river, N. 33° E., 5,173 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.....	D, 7..	190	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



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, 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. Back light visible in, and over a small arc on each side of, the line of range.	2042
Red, square, steel, skeleton tower; with white, wooden slat-work on side facing channel; enclosed upper part, white, wood.	51	1889 reb'lt 1902	.....		2043
White, square, wood, dwelling attached.	48	1870 re- mov'd 1885	Hand horn answers signals from vessels.	.....	2046
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	40	1890	.....	Alignment E. by N. leads into mouth of Byng Inlet, clear of Maganetawan 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	.....	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.	2054
White, square, wood, surmounted by square red wooden lantern.	23	1875 reb'lt 1893	.....		2055
Lantern on a pole temporarily.	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

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.
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. $\frac{3}{4}$ W. from S. light.	45 59 4	81 55 50	F. white .....	C ...	40	6
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, $1\frac{3}{4}$ 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
2084		Front light on outer end of wharf.	46 11 50	82 27 50	F. red.....	D, p...	20	3
2085	CUTLER.....	435 feet N. 24° E. front light.			F. red.....	D, p.	40	3
2086	GORE BAY.....	On Janet Head.....	45 56 40	82 28 58	F. white.....	D, 7...	43	11

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..	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	.....	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.	2072
White, with lantern red, square, wood.	43	1866	.....		2073
White, rectangular, wood; white, octagonal, wooden lantern on west end of roof.	37	1890 reb'lt 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..	30	1885	.....	.....	2083
Lantern on roof of red freight shed.	.....	1904	.....	Lights maintained by Messrs Loveland and Stone. Lights visible in the line of range. Lights in one, bearing N. 24° E., lead up to wharf from Whalesback channel clear of shoals off Rykert point and Lister island on the starboard and clear of Curran and Casgrain rocks on the port hand.	2084
Lantern on white-washed day beacon consisting of boards nailed to a mast.	.....	1904	.....		2085
White, square, wood, dwelling attached.	40	1879	Hand horn answers signals from vessels.	Visible from all points seaward....	2086

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.
2089	CAPE ROBERT.....	On the northern extremity of the Cape.	45 59 45	82 48 40	F. white.....	D, 7..	46	12
2091	BLIND RIVER RANGE.  EDDY WHARVES RANGE.	Front light on outer end of Government wharf at Harriette Point.	46 10 42	82 57 43	F. red .....	D, 7..	25	6
2092		Back light on shore, W. side of mouth of river, 1,550 feet N. 35° E. from front light.	.....	.....	F. red .....	D, 7..	40	7
2093		Front light on elevated way W. of Eddy W. wharf.	46 10 42	82 57 54	F. white, electric.....	.....	35	11
2094		Back light 295 feet N. 70° E. from front light.	.....	.....	F. white, electric..	.....	50	11
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	TOLSMAVILLE.....	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 39	83 36 30	F. white.....	D, 5..	49	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, square, wood, dwelling attached.	41	1885	.....	Visible from all points seaward....	2089
Lantern on shelf on S.E. corner of drab rectangular wooden storehouse.	.....	1900 mov'd 1905	.....	Lights visible from all points of approach by water. Lights mark axis of dredged channel from intersection of their alignment with the alignment of the Eddy wharves range to the Government wharf.	2091
Lantern on a pole.....	.....	1900 mov'd 1905	.....		2092
Lamp on a pole.....	.....	1905	.....	Lights mark axis of dredged channel from deep water to Eddy Bros. wharves. Whenever electric power plant is inoperative, fixed white oils lights will be temporarily substituted.	2093
Lamp on W. end of ridge of roof of Eddy Bros. office building.	.....	1905	.....		2094
White, square, wood, dwelling attached.	50	1884	.....	Visible except between the bearings of S. E. $\frac{1}{4}$ S. and S.S.W. $\frac{1}{4}$ 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, octagonal wood; red octagonal iron lantern.	43	1869 rebl't 1906	.....	Visible from all points of approach by water.	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.
2102	MCKAY ISLAND . . . .	Light to be established.						
2103	BRUCE MINES . . . . .	On outer end of Government wharf.	46 17 47	83 47 24	F. white . . . . .	C . . . .	12	5
2105	WEST SISTER ROCK. .	On the rock. . . . .	46 18 15	83 54 53	F. white. . . . .	D, 7. . .	35	11
2106	WILSON CHANNEL. }	Front light on main shore.	46 19 24	83 58 55	F. white. . . . .	D. 7. . .	58	3
		Back light 730 ft. N. 57° E. from front light.			F. white. . . . .	C . . . .	109	3
2107	BAMFORD ISLAND. . .	On E. extremity of Island, ½ 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. ¼ 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.
					2102
Lantern on S.E. corner of gray rectangular wooden warehouse with brown roof.		Mov'd 1902		Visible from all points of approach by water.	2103
White, hexagonal, wood on a pier.	30	1885 mov'd 1905	Hand horn answers signals from vessels.	Visible from all points of approach by water.	2105
White, square, wood; octagonal wooden lantern.	23	1905		Front light visible from all points of approach by water; back light visible in the line of range.	
White, square, wood..	23	1905		Lights in one, bearing N. 57° E. lead down from Richards Landing wharf to the turn in Wilson Channel, clear of Chicora Shoal, through the dredged cut off Bamford Island lighthouse, and clear of the shoals west of Wilson Channel.	2106
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	Hand horn answers signals from vessels.		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. $\frac{1}{2}$ 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	5
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	4
	DARK HOLE RANGE.							
	DARK HOLE GAS BUOY.							
	COYLE POINT GAS BUOY.							
	POINT OF WOODS RANGE.							
	STRIBLING POINT GAS BUOY.	U. S. Lights.						
	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.								
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
2140	LOWER TURNING BUOY.	Near black buoy at turn from canal into river.			F. white . . . . .		6	2



ONTARIO—Continued.

MARY—Continued.

Colour and 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 intersec- tion of their alignment with align- ment of Harwood Point range.	2126
Lantern on a mast ....	17	1892	.....		2129
Lantern on a mast ....	22	1892	.....		2130
Lantern on superstruc- ture of a platform buoy.	6	1899	.....	To show turn at lower entrance of canal.	2140

## 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.
2142	CANADIAN CANAL, LOWER ENTRANCE	On shore of bay north of entrance to canal.	46 30 54	84 20 8	F. red, electric.... (Incandescent.)	C....	63	2
2143		1,356 feet N. 35½° W. from front light.	.....	.....	F. red, electric.... (Incandescent.)	C....	88	2
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	
2149		On E. extremity of Davignon Pt., 2,100 feet N.E. ¼ E. from front light.	.....	.....	F. red, electric....	C....	61	
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....	23	4
2157		Back light, 920 feet S. 54½° 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.....	D, 6..	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.
Square, galvanized iron skeleton tower; square, wooden lantern; white diamond-shaped slat-work day mark on channel side of tower.	62	1896 tower 1904	.....	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
Square, galvanized iron skeleton tower; square, wooden lantern; white diamond-shaped slat-work day mark on channel side of tower.	82	1896 tower 1904	.....		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. 54½° 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 500 feet S. W. of shoalest spot, Outer Pancake Shoal.	46 54 23	84 50 0				
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	14
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, ½ 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.....	D, 4..	224	10
2182	BATTLE ISLAND.....	On S. W. point of island, E. entrance to Nipigon Bay.	48 45 0	87 33 40	Alt. red and white, 1½ minutes.	C....	105	16
2185	LAMB ISLAND.....	Western entrance to Nipigon 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 $\frac{1}{4}$ 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. 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.	2181
White, square, wood; dwelling 300 feet northeasterly from lighthouse.	36	1877	Hand horn answers signals from vessels.	.....	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
2193	WELCOME ISLANDS..	On the northeast extremity of the eastern Welcome Island.	48 22 14	89 7 13	F. white.....	D, 7..	112	16
2194	FORT WILLIAM GAS BUOY.	In 23 feet water, on outer end of northern edge of dredged channel at mouth of Kaministikwia River.	48 23 43	89 11 40	Occ. white.....	D, gas .....	.....	5
2195	KAMINISTIKWIA...	Back light on N. shore of river, near Fort William.	.....	.....	F. red.....	C.....	128	11
2196		Front light on N. shore of river, 1,266 feet N. 81° E. from back light.	48 23 37	89 13 10	F. red.....	C.....	52	8
2198	PORT ARTHUR GAS BUOY.	In 5 fathoms, in prolongation of northern eastern edge of dredged channel.	48 25 30	89 12 5	Occ. white.....	D, gas .....	.....	5
2199	PORT ARTHUR.....	On cribwork block, 31 feet from S. end of northerly breakwater.	48 25 50	89 12 39	F. red.....	C.....	43	7
2201	PIE ISLAND.....	On point on west end of island, W. entrance of Thunder Bay.	48 14 5	89 10 26	F. white .....	D, 7..	34	11
2204	VICTORIA ISLAND....	Extremity of point at N.W. end of island.	48 4 54	89 21 41	F. white.....	D, 7..	45	12

ONTARIO—Continued.

SUPERIOR—Concluded.

Colour and any peculiarity of Building.	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	Diaphone, operated by compressed air, gives one blast of 3 secs. duration every 30 secs.	Horn, 23 ft. above water, projects from south face of fog alarm building.	2192
Octagonal wooden lantern rising from red roof of white square wooden dwelling.	33	1906	.....	Visible from all points of approach by water.	2193
Red, steel, cylindrical buoy, surmounted by a conical slatwork and a lantern.	.....	1903	.....	Visible from all points of approach.	2194
Red, steel skeleton tower surrounding latticework column which projects above tower. Day mark near top of column consists of black square with white diamond in middle.	122	1873 reb't 1904	.....	Lights visible in the line of range. These two lights in one lead through the dredged channel at mouth of river.	2195
White, square, wood. Lantern red.	51	1873 reb't 1895	.....		2196
Red, steel, cylindrical buoy, surmounted by a can-shaped slatwork and a lantern.	.....	1904	.....	.....	2198
White, square, wood. ....	36	1882 mov'd 1887	Hand horn answers signals from vessels.	.....	2199
White, square, wood; white wooden dwelling N.E. of light-house.	23	1895 mov'd 1904	Hand horn answers signals from vessels.	Visible from all points of approach except where hidden by high land of Pie Island east of it.	2201
White, square, wood, with red iron lantern; white wooden dwelling southeast of light.	30	1881 build- ings erect'd 1887	Hand horn answers signals from vessels.	Moved 1904 ..... Visible from all points of approach on the inside channel and from the westward.	220+

## 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, G..	28	7
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
2215	CECEBE LAKE.....	On shoal about 1 mile above Magnetawan Village.	45 39	979 35 56	F. white.....	D, 7..	21	3

## 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		Off S. W. extreme of Sable Island.	48 53	791 40 38	F. white.....	D, 7..	27	10
2233	RAINY RIVER....	1,494 feet S. 26° E. from front light.			F. red.....	C....	37	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.

White, square, wood, on masonry foundation.	27	1884 Tower	.....	Visible from all points of approach by water.	2210
White, square, wood, iron lantern red, standing on a cribwork pier.	26	1905 1890	.....	Visible from all points of approach.	2213
White, square, wood, on square cribwork pier.	23	1906	.....	Visible from all points of approach.	2215

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 square cribwork pier.	27	1886 reb't 1903	.....	Front light visible from all points of approach by water. Back light visible in the line of range.	2232
White, square, wood, on square cribwork pier.	36	1895 reb't 1903	.....	The two lights in one lead to the mouth of Rainy River, the channel into which is marked by buoys.	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 mark.	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	COX REEF.....	On the reef.....	52 19 26	97 14 15	F. white.....	D, 7..	39	11
2248	GEORGE ISLAND ....	On E. extremity of island.	52 49 4	97 37 54	F. white.....	D, 5..	66	13

MANITOBA.

WINNIPEG.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vanc.	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.
White, square, wood ..	27	1898	.....	Visible from all points of approach by water.	2245
Lantern rising from red roof of white, square, wooden dwelling, on concrete foundation.	35	1905	.....	Visible from all points of approach.	2246
Red square steel skeleton tower, surmounted by white wooden watchroom and white octagonal wooden lantern. White rectangular wooden dwelling.	64	1906	.....	Visible from all points of approach by water except in the line of islands and shoals extending northwestward from George Island.	2248

## 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.
2250	PROCTER MIDDLE GROUND LIGHT BUOY.	Entrance to West Arm of Kootenay Lake.	49 37 43	116 56 30	F. white.....	D, p..	6	2
2251	PROCTER .....	Entrance to West Arm of Kootenay Lake.	49 35 0	117 0 0	F. white.....	D, 7..	20	5
2252	PILOT BAY .....	Near N. end of Pilot point.	49 38 29	116 53 9	F. white. ....	D, 7..	130	17
2253	KASLO .....	End of spit, Kootenay Lake.	49 55 0	117 0 0	F. white.. ....	Electric.	21	4

## PACIFIC COAST

2256	QUATSINO.....	On southeast end of Entrance Island, Quatsino Sound.	50 26 31	128 23 8	F. white .....	D, 7..	90	15
2258	LOOKOUT ISLAND....	On eastern end of Island, Halibut Channel.	49 59 45	127 27 52	F. white. ....	D, 7..	45	12
2259	ESTEVEAN POINT....	Light to be established.	.....	.....	.....	.....	.....	.....
2260	PLOVER POINT ...	On south extreme of point.	49 11 34	125 46 55	F. white.....	D, 7..	34	2
2261	LENNARD ISLAND...	On south-west point of island.	49 6 40	125 55 55	Fl. white, flash every 11½ seconds.	D, 1..	115	16
2262	AMPHITRITE POINT..	On extremity of point.	48 55 29	125 33 13	F. white.....	D. ....	60	13
2262½	CAROLINA CHANNEL WHISTLING BUOY.	In 25 fathoms, off Amphitrite Point.	48 54 57	125 33 23	.....	.....	.....	.....
2262½	SWALE ROCK .....	On E. end of rock, E. entrance of Sechart channel.	48 55 40	125 13 12	F. white.....	D. ....	25	10

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 superstructure of platform buoy	.....	1904	.....	Marks middle ground between Procter and Balfour.	2250
Lantern on mast, white wooden shed with red roof at base.	25	1895	.....	.....	2251
White, square, wood..	37	1905	.....	Visible from all points of approach by water.	2252
Light on pole. ....	20	1897	.....	.....	2253

NAVIGATION.

Lantern on small white square wooden tower on white wooden framework.	.....	1907	.....	Visible to the southward. Light is unwatched.	2256
Lantern on small white square wooden tower on white wooden framework.	.....	1906	.....	Visible to the southward and eastward.	2258
.....	.....	.....	.....	.....	2259
Lantern on small white square wooden tower on white wooden framework.	.....	1907	.....	Light is unwatched	2260
White, octagonal, wood, red, circular iron lantern. White wooden fog alarm building with red roof.	80	1904 Fog alarm 1906	Diaphone, operated by compressed air, gives one blast of 4 secs. duration every 45 secs.	Visible from all points of approach except where obscured by trees on island. Fog alarm building about 300 feet to southeastward of lighthouse.	2261
Lantern on small white square wooden tower on wooden framework.	.....	1905	.....	Visible from all points of approach by water. Light is unwatched.	2262
Red iron buoy, surmounted by a 10-inch whistle.	.....	1905	Whistle sounded by motion of buoy on waves.	.....	22621
Lantern on small white square wooden tower on white wooden framework.	.....	1906	.....	Visible from all points of approach. Light is unwatched.	22621

## 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.
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
2264	PACHENA POINT.....	.....	48 43 40	125 6 20	Occ. white temporarily, visible 5 secs. ; eclipsed 5 secs.	D, 4.....	.....	6
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
	SWIFTSURE BANK WHISTLING BUOY.	On the bank, in 24 fathoms.	.....	.....	.....	.....	.....	.....
	CAPE FLATTERY.....	U.S. light on Tatoosh island.	48 23 30	124 44 6	Fixed white with a fixed red sector.	.....	.....	.....
	NEAH BAY POST LIGHTS.	U.S. light on Baaddah point.	.....	.....	F. white.	.....	.....	.....
		U. S. light on N. W. end of Waaddah island.	48 23 7	124 35 56	F. white.	.....	.....	.....
2266	PORT SAN JUAN WHISTLING BUOY.	In 14 fathoms at entrance.	48 31 46	124 29 45	.....	.....	.....	.....
	SLIP POINT.....	U. S. light.....	48 15 46	124 14 48	F. white.....	.....	.....	.....
	LOW POINT POST LIGHT	U. S. light at Gettysburg.	.....	.....	F. white.	.....	.....	.....
	PORT CRESCENT POST LIGHT.	U. S. light on west head.	.....	.....	F. red.	.....	.....	.....
2267	WHIFFEN SPIT.....	E. end of Spit, Sooke Inlet.	48 21 27	123 43 15	F. white.....	.....	18	5
2268	RACE ROCKS.....	In Strait of Juan de Fuca.	48 17 36	123 32 15	Fl. white 10 seconds	D, 2..	118	18
	EDIZ HOOK.....	U. S. light.....	48 8 24	123-24 7	F. white.....	.....	.....	.....

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, 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
Lantern on a gas tank temporarily.	.....	.....	.....	.....	2264
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
Iron buoy, painted in black and white vertical stripes, with "S. B." in white letters.	.....	1906	.....	Maintained by the United States Government.	.....
.....	.....	.....	12-inch steam whistle; blast 8 sec., silent interval 52 secs.	.....	.....
Red iron buoy, surmounted by a 10-inch whistle.	.....	1905	Whistle sounded by motion of buoy on the waves.	.....	2266
.....	.....	.....	Daboll trumpet; blast 2 sec., silent 18 sec.	.....	.....
Lamp on pole.	.....	1906	.....	Fishing light, maintained only from 1st March to 31 October. Light is unwatched.	2267
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
.....	.....	.....	Bell every 15 seconds.	.....	.....

## 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.
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
2272	FISGARD.....	On a rock, at western entrance to Esquimalt Harbour.	48 25 43	123 27 15	F., see remarks...	D, 4..	67	12
2275	BROTCHIE 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.. electric incandes'nt	10	3
2279	MIDDLE ROCK BEACON.	In Victoria Harbour...	48 25 22	123 23 20	F. white.....	D..... electric incandes'nt	10	3
2280	LAUREL POINT.....	In Victoria Harbour, on Laurel point.	48 25 23	123 23 2	F. red .....	Electric incandes'nt	40	1
2281	TRIAL ISLANDS.....	On southwest side of southernmost island.	48 23 36	123 18 45	F. white temporarily.	D, 7..	84	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.
Lantern on mast. ....		1898		Maintained by Department of Agriculture. 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.	2269
Lantern on mast. ....		1898			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. $\frac{3}{4}$ 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 Brotchie 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. $\frac{3}{4}$ E. into Esquimalt harbour.
Black, steel-sheathed, conical beacon; black, steel, open framework top.		1900	Fog bell, operated by electricity, gives one stroke every 10 seconds.	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. If fog bell becomes disabled, electric horn will be sounded. Whenever the electricity is shut off it will be impossible to operate either alarm.	2275
White, square, wood, dwelling attached. Bell tower on seaward side.	30	1876	Bell rung by machinery gives one stroke every 5 seconds.	Light bears from Brotchie Ledge beacon N. 35° W. Shows red over Brotchie 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
Lamp on arm projecting from red brick chimney rising from small brick house.		1905		Visible from all points of approach by water.	2280
Red lantern rising from red roof of white square wooden dwelling. White rectangular wooden fog alarm building with red roof.	40	1906	Diaphone, operated by compressed air, gives a blast of 3 secs. duration every minute.	Visible from all points of approach by water. Fog alarm building near west edge of island, 185 feet S. 56° E. from lighthouse. The horn projects from S. end of fog alarm building and points S. 22° E.	2281

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.
2282	FIDDLE REEF.....	On reef.....	48 25 39	123 17 6	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	Occ. white..... Visible...10 secs. Eclipsed. 5 "	D, 4..	91	15
	NEW DUNGENESS....	U. S. light.....	48 10 55	123 6 31	F. white.....			
	SMITH ISLAND ...	U. S. light.....	48 19 7	122 50 36	Fl. white every 30 seconds.			
	CATTLE POINT POST LIGHT.	U. S. light on S. end of San Juan Island.	48 27 3	122 57 42	F. white.....			
	TURN POINT.....	U. S. light on N.W. point of Stuart Island.	48 41 20	123 14 9	F. white.....			
2286	DOCK ISLAND... ..	On E. end of northeasterly islet of Little Group, Sidney Channel.	48 40 30	123 21 44	Occ. white.....	D.... acetylene.	40	10
2289	SATURNA ISLAND....	On East point.....	48 47 0	123 3 2	Rev. white, 30 seconds.	C....	125	17
	PATOS ISLANDS.....	U. S. light on N. W. extreme.	48 47 22	122 58 12	F. red.....			
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
2294	CROFTON.....	On the southeasternmost Shoal island, Osborn Bay.	48 53 0	123 37 47	F. white.....	D, 7..	33	10

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, 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. $\frac{3}{4}$ E. and over 48° 30' between N. $\frac{3}{4}$ 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 $\frac{3}{4}$ -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.  ..... First class, compressed air, automatic siren; blast 6 secs., silent 12 secs., blast 3 secs., silent 39 secs.  ..... Daboll trumpet; blast 3 secs., silent 27 secs.	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
Red steel cylindrical tank, surmounted by red pyramidal steel frame supporting a lantern; red steel framework foundation.	24	1903	.....	Visible from all points of approach by water. Light must not be depended on. Light is unwatched.	2286
White, square, wood, with dwelling attached. Iron lantern red.	58	1888	.....	Visible from N. E. $\frac{1}{2}$ 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.  ..... Daboll trumpet; blast 2 secs., silent 18 secs.	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. $\frac{1}{2}$ N. Light in sight clears dangers between Active Pass and East Point.	2293
Lantern on small white square wooden tower, on white wooden framework.	.....	1906	.....	Visible from all points of approach by water. Light is unwatched. Maintained by Britannia Smelting Co.	2294

## 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.
2295	BARE POINT.....	On extremity of Point, Chemainus Bay.	48 56 0	123 42 10	F. white .....	D, 7..	36	13
2297	PORLIER 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	DANGER REEF .....	On N. end of eastern-most rock of reefs.	49 3 42	123 42 43	F. white.....	D, p..	24	9
2306	COFFIN ISLET.....	On islet at N. side of entrance to Oyster Harbour, Stuart Channel.	48 50 20	123 44 52	F. white.....	D, p..	29	10
	SEMIAMOO.....	U.S. light in the bay...	48 59 32	122 46 58	F. red.....			
2307	ROBERTS BANK BELL BUOY.	In 15 fathoms, on the extreme western shoulder of Roberts Bank.	49 5 33	123 18 32	.....			
	ROBERTS BANK GAS BUOY.	500 feet S. 45° E. from bell buoy.	49 5 31	123 18 27	Occ. white.....	D, gas .....		
2309	FRASER RIVER, SAND HEADS, LIGHTSHIP.	In 17 fathoms off main entrance to river.	49 6 55	123 18 8	Two F. white, one at each masthead.	D, 7.. D, 7..	56 56	13 13
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

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 wooden dwelling, with lantern on roof.	30	1897	.....	.....	2295
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 white concrete beacon.	.....	1900	.....	Visible from all points of approach by water. Light is unwatched.	2300
Lantern on small, white, square, wooden tower on black wooden framework.	.....	1904	.....	Visible from all points of approach by water. Light is unwatched. When passing southward light should be given a berth of at least 3 cables.	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. Light is unwatched.	2306
.....	.....	.....	Daboll trumpet; blast 3 secs., silent 4 secs., blast 3 secs., silent 20 secs.	.....	.....
Red iron buoy surmounted by a bell.	.....	1905	Bell rung by motion of buoy on waves.	.....	2307
Red steel cylindrical buoy, surmounted by a pyramidal steel frame supporting a lantern.	.....	.....	.....	.....	.....
Red, wooden vessel with 2 masts; "Sand Heads No. 16" in white letters on the forward bulwarks; upper works light grey.	.....	1905	Bell rung by machinery gives one stroke every 10 seconds.	Visible from all points of approach.	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. Light is unwatched.	2311

## 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.
2310	FRASER RIVER MOUTH, NORTH DAM.	S.W. end of dam on N. side of main channel, $1\frac{3}{4}$ miles S. $72^{\circ} 51'$ W. from Garry Point light.	49 7 27	123 13 41	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
2314	NEW WESTMINSTER RAILWAY SWING BRIDGE.		49 12 43	122 53 43	F. red and green..			
2314	FRASER RIVER ENTRANCE TO NORTH ARM.	Westerly light, off N. entrance, one mile S. $56^{\circ}$ E. from Point No Point.	49 14 4	123 13 47	F. white.....	D, p..	20	9
		Easterly light, about $\frac{1}{2}$ mile E. of N. entrance.	49 13 14	123 11 27	F. white. ....	D, p..	20	9
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
2315	GREY POINT FAIRWAY BELL BUOY.	At entrance to Burrard Inlet, about $1\frac{1}{4}$ miles N. $27^{\circ}$ W. from Grey Point.	49 17 0	123 15 50				
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 $7\frac{1}{2}^{\circ}$ over Gabriola reef.	D, 5..	65	14

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.
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. Light is unwatched.	2310
Lantern on tide gauge platform.	.....	1898	.....	Used by light draft fishing vessels.	2313
.....	.....	1904	.....	Red light at each end of swing protection and on each end of swinging span, green lights S. of S. opening, showing downstream and N. of N. opening showing upstream. Span is open when 2 red lights show vertically above one another, passage being between visible green and red lights.	2314
Lantern on small, white, square, wooden tower on platform supported on piles.	.....	1905	.....	Lights are unwatched. Lights visible from all points of approach by water.	2314
Lantern on small, white, square, wooden tower on platform supported on piles.	.....	1905	.....		
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. $\frac{3}{4}$ 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
Red steel buoy, surmounted by a bell.	.....	1905	Bell rung by motion of buoy on the waves.	.....	2315 $\frac{1}{2}$
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 lighthouse.	2317
White, square, wood, with dwelling attached.	50	1876	Steam horn close to lighthouse, to eastward, established 1894, sounds blasts of 8 seconds, with intervals of 45 seconds between them.	Light red from W. to W. $\frac{3}{4}$ 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 $\frac{1}{2}$ mile.	2324

## 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.
2325	GALLOWES POINT FOG BELL.	On the point.....	49 10 25	123 55 28	.....	.....	.....	.....
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
2328	SEECHULT.....	On White Islet.....	49 24 50	123 42 32	F. white.....	D, p..	36	6
2329	MERRY ISLAND.....	S. E. extremity of island, southeastern entrance to Welcome Pass.	49 28 5	123 56 11	F. white, temporarily.	.....	57	6
2330	LUND.....	On east end of south Ragged Island.	49 59 42	124 49 10	F. white .....	D, 7..	40	11
2332	BALLENAS 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
2340	KELP BAR GAS AND BELL BUOY.	In 25 fathoms, off eastern entrance to crossing over Kelp Bar.	49 39 46	124 50 43	Occ. white.....	D, gas .....	.....	.....



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, surmounted by a bell.	.....	1906	Bell rung by machinery, gives one stroke every 5 seconds.	The fog bell is elevated 20 ft. above high water mark.	2325
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
Lantern on small, white wooden tower on black wooden framework.	.....	1904	.....	Visible from all points of approach. Light is unwatched.	2328
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
Lantern on small white wooden tower on white wooden framework.	.....	1907	.....	Visible over an arc of 249° from S. 29° E. through W. and N. to N. 40° E. Light is unwatched.	2330
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
Red, steel cylindrical buoy, surmounted by a steel frame supporting a bell and a lantern.	..	1903 Gas 1907	Bell rung by motion of the buoy on the waves.	From the buoy Goose Spit Beacon bears S. 64° W. 2½ miles.	2340

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.
2341	DENMAN ISLAND, WEST SIDE.	On reef on W. side of island, 1½ miles southward of Village point.	49 32 15	124 49 12	F. white....	D, 6..	23	7
2343	CAPE MUDGE .. .	West extremity .....	50 0 5	125 13 18	F. white.....	D, 7..	32	10
2347	PULTENEY POINT. . .	On extremity of point..	50 37 50	127 9 50	F. white.....	D, 7..	38	11
2349	SCARLETT POINT ...	On the point, entrance to Christie passage.	50 51 45	127 36 50	F. white with red sector over Noble islets.	D, 7..	90	10
2351	PINE ISLAND. ....	On southwest point of island.	50 58 35	127 44 53	F. white.....	D, 5..	80	14
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	12
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, Millbank sound.	52 16 15	128 25 50	F. white.....	D, 7..	66	13
2361	VANCOUVER ROCK WHISTLING BUOY.	In 38 fathoms, off the rock, Millbank Sound.	52 21 18	128 31 55	.....	.....	.....	.....
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—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, on concrete foundation 12 feet high.	27	1906	.....	Visible from all points of approach by water.	2341
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
Lantern rising from red roof of white square wooden dwelling.	35	1905	Hand horn answers signals from vessels.	Visible from S. 75° W. round through W. and E. to S. 55° E., over an arc of 230°.	2347
Lantern rising from red roof of white, rectangular, wooden dwelling.	37	1905	Hand horn answers signals from vessels.	Visible from all points of approach by water.	2349
White, square, wood; red polygonal iron lantern; dwelling attached. White rectangular wooden fog alarm building with red roof.	43	1907	Diaphone, operated by compressed air, gives one blast of 7 seconds' duration every two minutes.	Visible over an arc of 232° from S. 80° W. through W., N. and E. to S. 48° E. Fog alarm: building 200 feet north-west of lighthouse.	2351
White, square, wood, dwelling attached. Lantern red. White rectangular wooden fog alarm building with red roof.	50	1898 Fog alarm 1906	Diaphone, operated by compressed air, gives a blast of 5 seconds' duration every minute.	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. Fog alarm building 200 feet N.W. by N. of lighthouse.	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
Red iron buoy, surmounted by a 10-inch whistle.	.....	1905	Whistle sounded by motion of buoy on the waves.	.....	2361
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

PROVINCE OF  
PACIFIC COAST

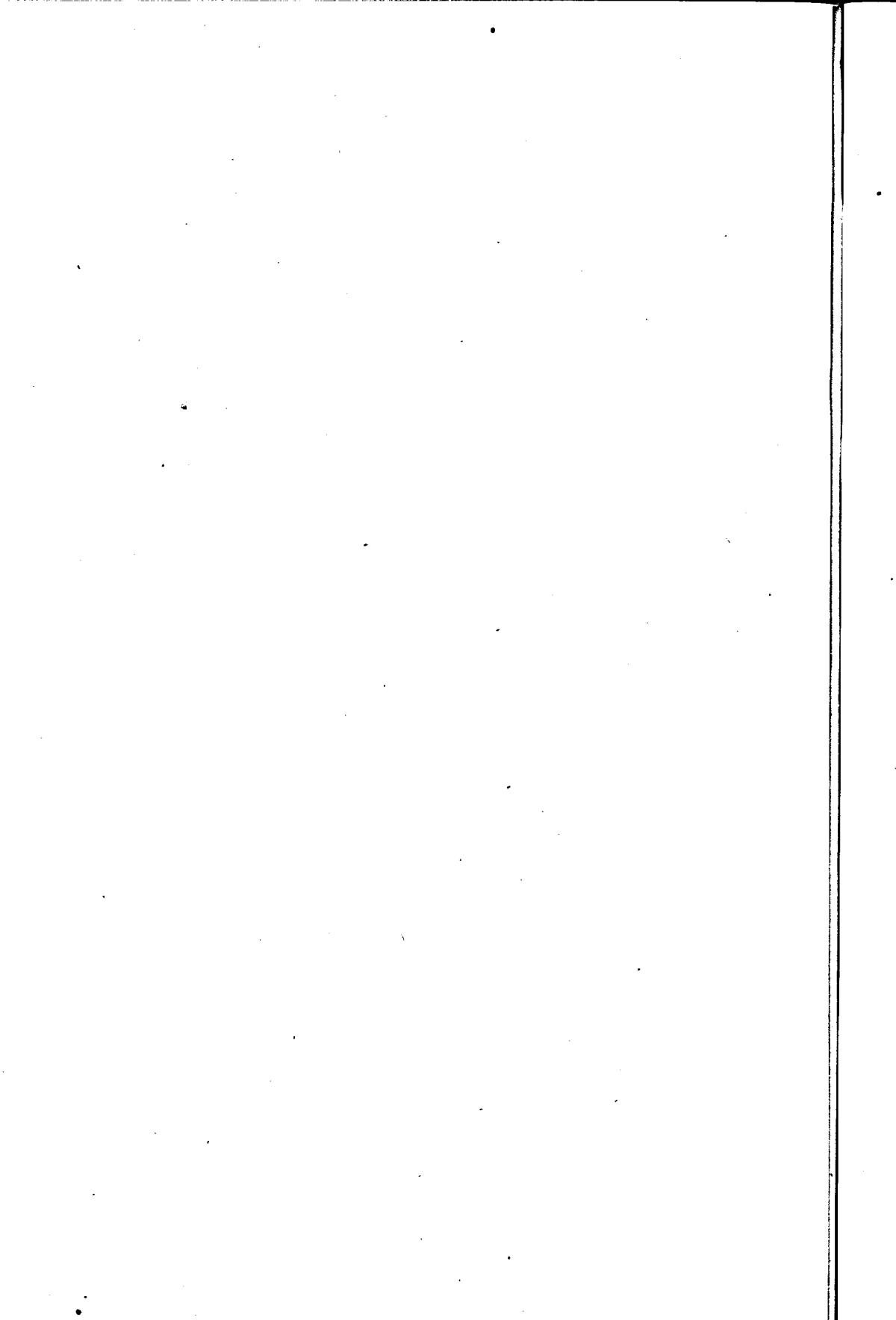
No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
2364	ELLINOR ROCK GAS BUOY.	In 7 fathoms, close southward of rock.			Occ. red	D, gas		
2365	COAST ISLAND	Front light on top of Coast Island.			F. white	D, acetylene.	65	13
2366		Back light on Ridley Island, 4,415 feet N. 75° E. from front light.			F. white	D, acetylene.	102	15
2367		KESTREL ROCK GAS BUOY.	Close off southeast side of Kestrel Rock, ½ mile S. 19° E. from islet off Lima Point.			Occ. white	D, gas	
2368	BARRETT LEDGE GAS BUOY.	In 3½ fathoms, off east end of ledge.			Occ. white	D, gas		
2369	BIRD ROCK GAS BUOY.	Close off Bird Rock, 1½ miles N. 38° E. from islet off Lima Point.			Occ. red	D, gas		
2374	LUCY ISLAND.....	On northeast extremity of east Lucy Island.	54 17 55	130 36 40	F. white	D, 5..	65	13
2378	BIRNIE ISLAND .....	On southwest end of island.	54 35 30	130 28 12	F. white	D, p..	65	10
2382	GREEN ISLAND.....	On southwesterly point of island.	54 34 1	130 42 36	Fl. white..... Flash 787 sec. Eclipse 4'33 "	D, 3..	81	14
	TREE POINT.....	U. S. light on W. end of point.	54 48 13	130 55 40	F. white with red sector between bearings of N. 71° 43' W. and N. 61° 52' W.			

PRINCE RUPERT HARBOUR.

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 cylindrical buoy, surmounted by a pyramidal steel frame supporting a lantern.	...	1907	.....	.....	2364
White steel cylindrical tank, surmounted by white pyramidal steel frame supporting a lantern; white steel framework foundation.	23	1907	.....	Light is unwatched.....	2365
White steel cylindrical tank, surmounted by white pyramidal steel frame supporting a lantern; white steel framework foundation.	23	1907	.....	Light is unwatched.....	2366
Black steel cylindrical buoy, surmounted by a pyramidal steel frame supporting a lantern.	.....	1907	.....	.....	2367
Black steel cylindrical buoy, surmounted by a pyramidal steel frame supporting a lantern.	.....	1907	.....	Barrett ledge is situate one mile N. 12° E. from Lima Point.	2368
Red steel cylindrical buoy, surmounted by a pyramidal steel frame supporting a lantern.	.....	1907	.....	.....	2369
Lantern rising from red roof of white rectangular wooden dwelling.	36	1907	.....	Visible over an arc of 252° from N. 75° E. through S. and W. to N. 33° W.	2374
Lantern on small white, wooden tower.	.....	1904	.....	Visible over an arc of 188°, from N. 74° W. through N. and E. to S. 66° E. Light is unwatched.	2378
White, square, wood; red circular iron lantern; dwelling attached.	45	1906	.....	Visible all around the horizon, except where intercepted by a chimney to the northward.	2382
.....	.....	.....	First class, compressed air, automatic siren; blast 3 secs., silent interval 27 secs.	The sector covers Lord Rocks in the eastern end of Dixon Entrance and extends about ½ mile to the westward of the rocks.	.....





	No.		No.
Beaujeu Bank, West End Gas and Bell Buoy No. 69 B.	1187	Black Point, P.Q.	1464
Beaujeu Channel Beacon	1190	Black Point, N.B., Whistling Buoy	113
Beaumont Reefs Gas Buoy No. 87 B.	1220	Black Rock	163
<i>Beausoleil Island</i>	2008	Black Rock Point	480
Beaver Harbour, N.B., Whistling Buoy	43	<i>Blanche</i>	250
<i>Beaver Harbour, N.B.</i>	43, 44	Bleue, Pointe	1138
Beaver Harbour, N.S.	364	Blind River range, front light	2091
Beaver Harbour, N.S., Bell Buoy	361	Blind River range, back light	2092
Beaver Island, S. E. Coast of N.S.	363	Blind River, Eddy Wharves range, front light	2093
Beaver Island, St. Peter's Inlet	514	Blind River, Eddy Wharves range, back light	2094
<i>Beaver Point</i>	364	<i>Blind Sisters</i>	321
Becancour, front light	1312	Bliss Island	41
Becancour, back light	1313	Blockhouse Point	717
Becancour Bend Gas Buoy No. 30 C.	1309	Blonde Rock Gas and Whistling Buoy	220
Becancour Course Gas Buoy No. 23 C.	1308	Blondeau, Chute à, front light	1552
Becancour Traverse Gas Buoy No. 39 C.	1316	Blondeau, Chute à, back light	1552½
Bequets, St. Pierre des	1292	Bloody Island	1382
<i>Bedque Bay</i>	735, 736	Boars Head	179
Bélier, Ile au	1141	Bois Blanc	1878
Bellechasse	1212	Bois Blanc Island, 1887, 1889	1890
Belledune Point, Little	936	<i>Bonilla Point</i>	2265
Belle Isle, high light	996	Bon Portage Bell Buoy	231
Belle Isle, low light	997	Bon Portage Island	232
Belle Isle, north end	995	Borden Wharf	161
<i>Belleisle Bay</i>	82, 84	Bouchard, Ile, front range light	1415
<i>Belle Isle, Strait of</i>	995-1006	Bouchard, Ile, back range light	1416
Bellerive Park, front light	1452	Bouche, Harbour au, front light	556
Bellerive Park, back light	1453	Bouche, Harbour au, back light	557
Belleville	1766	Boucherville, front light	1439
<i>Bellevue Farm</i>	715, 716	Boucherville, back light	1440
Bellevue, Ste. Anne de, lower end dredged channel	1537	<i>Boulacett Harbour</i>	496
Bellevue, Ste. Anne de, upper end dredged channel	1538	<i>Boularderie Island</i>	482-484
Belhiveau Cove	190	Bourgeois Inlet	437
Bellmouth Curve Gas Buoy No. 16 M.	1391½	Boyd Island	2083
Bellmouth Curve Gas Buoy No. 20 M.	1392	Brandy Pots	1147
Bellmouth Curve Gas Buoy No. 24 M.	1392½	Brazil Rock Gas and Whistling Buoy	246
Belloni Point	928	Breaker, Cape	399
Belyea Point	74	Brébeuf, front light	2007
Berens Island, B.C.	2277	Brébeuf, back light	2008
<i>Berens Island, Lake Winnipeg</i>	2246	<i>Bridgeport Harbour</i>	470
<i>Berry Head</i>	381	Bridges Point	106
Bersimis River, front light	1090	Brier Island	184
Bersimis River, back light	1091	<i>Brier Island</i>	183, 184
Besserer Crossing, front light	1561	Brier Island Northwest Ledge Gas and Whistling Buoy	180
Besserer Crossing, back light	1561½	Brier Island Southwest Ledge Gas and Whistling Buoy	185
Betty Island	312	Brighton Beach, front light	718
<i>Bevis, Port</i>	486	Brighton Beach, back light	719
Bickerton, Port	374	Brighton, Ont., No. 1 light	1781
Bicquette Island	1101	Brighton, Ont., No. 2, back light	1780
<i>Big Arrow Rock</i>	427	Brighton, Ont., No. 3 light	1779
<i>Big Bras d'Or</i>	480-484, 486	<i>Brig Point</i>	312
Big Duck Island, N.B.	14	Britannia	1567
<i>Big Fish Island</i>	222	Brockton Point	2317
<i>Big Island</i>	2243	Bonte	1825
Bigot, Ile, Gas Buoy No. 20 C.	1305½	Brooklyn Pier	274
Big Otter Creek	1853	Brotchie Ledge Beacon	2275
<i>Bigson Island</i>	2227	Brothers, The	1758
Big Shippigan	907	<i>Brown Point</i>	1528
<i>Big Shippigan</i>	905-907	Browns Point	1739
Big Tignish, back light, main light	804	Bruce Mines	2103
Big Tignish, front light	805	Brûlé, Cap	1202
<i>Birch Point</i>	911	Brûlé, Cap, front light	1203
Bird Island	520	Brûlé, Cap, back light	1204
Bird Rocks	1029	Brush Wharf, front light	710
Bird Rock Gas Buoy	2369	Brush Wharf, back light	711
Birnie Island	2378	Bryon, Island	1030
Bishops Bay, front light	2222	Buckom Point	1573
Bishops Bay, back light	2223	Buctouche, front light	835
<i>Black Bay</i>	1287	Buctouche, back light	836
Black Bear Island	2245	Buctouche Inner Range, front light	837
Black Lands Gully, front light	847	Buctouche Inner Range, back light	838
Black Lands Gully, back light	848	Buctouche Bar	834





	No.		No.
Colborne, Port, east breakwater.....	1841	<i>Dawson Point</i> .....	1694, 1695
Colchester Reef.....	1873	Debert.....	152
Cold Bath Shoal Gas Buoy.....	1738½	Deep River Islet.....	1588
Cold Spring Head.....	587	<i>De Fuca, Strait of Juan</i> .....	2268
Cole Harbour, front light.....	385	Delaney Shoal Gas Buoy No. 6 U.....	1694
Cole Harbour, back light.....	386	<i>Deming Point</i> .....	392
Cole Shoal.....	1717	<i>Denison Island</i> .....	2210
Collingwood, breakwater light.....	1992	Denman Island, west side.....	2341
Collingwood, shore range, front light.....	1994	<i>Deaman Island</i> .....	2338, 2339
Collingwood, shore range, back light.....	1995	<i>Departure Bay</i> .....	2324
Collingwood, back light of range to wharves.....	1996	Depot Island.....	2036
<i>Colpooy Bay</i> .....	1975	<i>Derby Point</i> .....	499
Colquhoun Island Gas Buoy No. 88 F.....	1394	<i>Deschênes Lake</i> .....	1567-1573
Contrecoeur Bend Gas Buoy No. 31 M.....	1393	Deseronto.....	1763
Contrecoeur Course, front light.....	1388	Deslauriers, Ile, front light.....	1418
Contrecoeur Course, back light.....	1389	Deslauriers, Ile, back light.....	1419
Contrecoeur Junction Gas Buoy No. 45 M.....	1394	Deslauriers, Ile, Gas Buoy No. 124 M.....	1421
Contrecoeur to Verchères range, front.....	1406	Despair, Cape.....	977
Contrecoeur to Verchères range, back.....	1407	d'Espoir, Cape.....	977
Contrecoeur Traverse, front light.....	1401	<i>Detroit River</i> .....	1876, 1896
Contrecoeur Traverse, back light.....	1402	Devil Island, east light.....	338
<i>Conway Inlet</i> .....	791, 792	Devil Island, west light.....	339
<i>Cooke's Point</i> .....	1699	Dickinson Landing.....	1692
Coppermine Point.....	2164	Digby Gut.....	169
Corbay Point.....	2162	<i>Digby Gut</i> .....	169, 170
Corbeau, Cap au.....	1169	Digby Pier.....	171
<i>Cornwall Canal</i> .....	1692	Dimock Point.....	156½
Corunna, front light.....	1915	Dipper Harbour.....	50
Corunna, back light.....	1916	Dipper Harbour Bell Buoy.....	49
Coteau Landing.....	1611	Discovery Island.....	2284
Coudres, Isle aux.....	1168	<i>Ditchburn Shoal</i> .....	2213
Coulonge, Lake.....	1579	Dixon Island Gas Buoy No. 127 U.....	1701
Country Harbour.....	379	<i>Dixon Point, N.B.</i> .....	835, 836
Cove Head, front light.....	767	<i>Dixon Point, N.S.</i> .....	474, 475
Cove Head, back light.....	768	Dock Island.....	2286
Cove Island.....	1953	Dog Island.....	433
Cow Reef Bell Buoy.....	466	Dorval.....	1529
Cox Point.....	101	<i>Double Top Rock</i> .....	2013
Cox Reef.....	2246	Douglas Island.....	942
Cranberry Island, Canso.....	400	Douse Point, front light.....	708
Crane Island.....	1191	Douse Point, back light.....	709
<i>Crapaud</i> .....	724-728	Dover.....	311
Crawford Ledge Bell Buoy.....	309	Dover, Port, front light.....	1846
Credit, Port.....	1822	Dover, Port, back light.....	1847
Crichton Head.....	418	Drake, Outer.....	1754
Crofton.....	2294	Draws Head.....	44
Croker, Cape.....	1973	Dryad Point.....	2358
Cross-bars Shoal Gas Buoy.....	156½	Duck Island, Big, N. B.....	14
Cross Island.....	295	Duck Island, Great, Ont.....	1961
Croucher Island.....	307	<i>Duthie Point</i> .....	965
Current, Little, south light.....	2072	Dyke, Little.....	151
Current, Little, north light.....	2073		
Cutler, front light.....	2084		
Cutler, back light.....	2085		
Cutler Island.....	404		
		<b>E</b>	
		<i>East Beaver Island</i> .....	363
		East Ironbound Island.....	302
		East Lightship, Lake St. Peter.....	1330
		East Neebish, Upper Range, front light.....	2129
		East Neebish, Upper Range, back light.....	2130
		East Point, Anticosti, lightship.....	1040
		East Point, P.E.I.....	676
		<i>East Quoddy Head</i> .....	29
		East Souris.....	678
		<i>East Templeton</i> .....	1562
		Eau, Anse à l'.....	1113½
		Eboulements, Les.....	1167
		Echouerie, Point.....	966
		Economy.....	147
		<i>Ecureuil Shoal</i> .....	1255
		Eddy Point.....	411
		<i>Edward Island</i> .....	2187
		Edward Point, front light.....	1919
		Edward Point, back light.....	1920
		Egg Island, B.C.....	2353
		Egg Island, N.S.....	349
Dalhousie Harbour, N.B.....	941		
Dalhousie Island, N.B.....	942		
Dalhousie, N.B., railway wharf.....	943		
Dalhousie, Port, Ont., back light, main light.....	1830		
Dalhousie, Port, Ont., front light.....	1831		
Danger Reef.....	2303		
Daniel, Port.....	970		
Daniel, Port, West.....	969		
Darlington.....	1806		
Darnley Basin, front light.....	787		
Darnley Basin, back light.....	788		
Darnley Point, front light.....	779		
Darnley Point, back light.....	786		
Dartmouth.....	336		
<i>Darignon Point</i> .....	2149		



	No.		No.
Gas Buoy No. 31 M.	1393	Goderich, main light.	1923
Gas Buoy No. 45 M.	1394	Goderich, fog alarm.	1924
Gas Buoy No. 82 M.	1414	Goderich, front range light	1925
Gas Buoy No. 89 M.	1417	Goderich, inner light on N. pier.	1926
Gas Buoy No. 117 M.	1420	Goderich, back range light	1927
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