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List of lights and
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OTTAWA
GOVERNMENT PRINTING BUREAU
1909

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

CORRECTED TO THE

1st April, 1909

DEPARTMENT OF MARINE AND FISHERIES



OTTAWA
GOVERNMENT PRINTING BUREAU
1909

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.

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.

G. J. DESBARATS,

Acting Deputy Minister of Marine and Fisheries

DEPARTMENT OF MARINE AND FISHERIES,
OTTAWA, CANADA, 1st April, 1909.

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

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 reflector
- 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.

ILLUMINATING APPARATUS.

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

The Bearings are Magnetic, and are given from seaward.

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

The Geographical Positions of the Lights are Approximate.

CAUTION

WITH RESPECT TO LIGHTS

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

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

OUTS 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.

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.

AID TO NAVIGATION---FILE NUMBERS

DEPARTMENT OF MARINE AND FISHERIES.

OTTAWA, CANADA, 1st April, 1909.

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.

G. J. DESBARATS,
Acting Deputy Minister of Marine and Fisheries.

WM. P. ANDERSON,
Chief Engineer.

LIST
OF
LIGHTS AND FOG-SIGNALS
ON THE
COASTS, RIVERS AND LAKES
OF THE
DOMINION OF CANADA
CORRECTED TO THE
1st April, 1909

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..	44 30	7 67 6 19	F. white.....	D, 2..	76	14	
2		64 yards S. E. from north westerly light.			F. white.....	D, 3..	72	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 35 fathoms, $\frac{1}{2}$ mile S. 3° W. from Old Proprietor Shoal.	44 32 22	66 39 43	Occ. white	D, gas			
7	GRAND MANAN ISLAND.	SOUTH WEST HEAD.	44 36	0 66 54 16	Gp. Rev. red and white, 2 mins. 3 red flashes 40 sec. Eclipse 20 " 3 white fla. 40 " Eclipse 20 "	C.....	200	20	
10		GRAND HARBOUR	On Fish Fluke point...	44 40	2 66 45 8	F. white.....	C.....	40	11
12		GULL COVE.....	On E. side of White-head Island.	44 37 55	66 41 50	F. white.....	D, p..	90	6
13		PRANGLE POINT BELL BUOY.	East of the point, in 6 fms.	44 38 33	66 40 49	.....	.....
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	Occ. white..... Visible 4 secs. Eclipsed 2 secs.	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. $1\frac{1}{2}$ 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 $4\frac{1}{2}$ miles S. of Murr Ledges.	1
White, octagonal, wood; red iron lantern.	53	1832 reb't 1875			2
Black and white vertical stripes, octagonal, wooden, on concrete foundation; red circular metal lantern. White rectangular wooden fog alarm building with red roof.	91	1831 raised 1905 Fog horn 1908	Diaphone, operated by compressed air, gives 1 blast of 3 secs. duration every 2 minutes.	Visible from all points of approach. Dangerous rocks extend 4 miles eastward of the light. The horn, elevated 37 feet above high water mark, projects from S. side of fog alarm building and points S. Should the fog alarm become disabled, cotton powder bombs will be exploded every 10 minutes, and every 5 minutes when vessels' signals are heard in dangerous proximity.	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
Black iron buoy, surmounted by a bell.	.....	1908	Bell rung by motion of buoy on the waves.		13
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 $2\frac{1}{2}$ secs. duration each, every minute, thus: blast $2\frac{1}{2}$ secs.; silent 5 secs.; blast $2\frac{1}{2}$ 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. $8\frac{1}{4}$ miles; and Lepreau light E. by N. $\frac{1}{2}$ N., $13\frac{1}{2}$ miles.	22

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.
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
	ST. CROIX RIVER.	DOCHET ISLAND.			U. S. light.			
		WHITLOCK MILL			U. S. light.			
31	ST. CROIX RIVER.	MARKS POINT..	N. shore of river.....	45 10 10	67 12 30	F. white.....	C	32 10
32		SPRUCE POINT..	N. shore of river.....	45 10 0	67 10 25	F. white.....	C	32 10
34	PASSAMAQUODDY BAY.	ST. ANDREWS..	N. point of entrance...	45 4 0	67 3 0	F. white.....	C	42 10
35		NAVY BAR.....	E. end of eastern bar of Navy Island.	45 3 30	67 2 13	F. white.....	D, 5..	34
36	PASSAMAQUODDY BAY.	TONGUE SHOAL..	On sand reef at E. entrance.	45 3 45	67 0 50	F. white.....	C	40 10
38		MIDJIK BLUFF..	Passamaquoddy Bay, Charlotte Co.	45 6 53	66 54 30	F. white.....	D, 7..	130 15
39		LETITE PASSAGE	On W. extremity of Mascabin Point.	45 2 20	66 53 34	F. white.....	D, 7..	48 12
		HEAD HARBOUR...	See above, No. 29.					

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. $\frac{1}{2}$ S., distance 2 miles. From Spruce Point to Marks Point, W.N.W., distance 2 miles. A vessel after leaving Dochet Island, to clear the reef, should steer N. until the Spruce Point light bears N.W. by W., and thence take a W.N.W. course.	31
White, square, wood..	28	1876	.....		32
White, octagonal, wood	22	1833	.....	Visible between the bearings of N.W. by N. and S.E. by S.	34
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 260 yards to clear it at low water.	38
White, octagonal, wood; red, octagonal, iron lantern. Fog alarm building, white, square, wood.	43	1903 Fog alarm 1879	Steam horn sounds blasts of 7 seconds, with intervals of 30 seconds between them.	Visible from all points of approach by water.	39

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
46	CRANBERRY POINT BELL BUOY.	200 yds. S. 22° W. from Cranberry Point ledge	45 6 45	66 31 23	.....	.....	.....	.....
47	LEPREAU GAS AND WHISTLING BUOY.	In 23 fathoms 1 mile S.S.W. from light.	45 2 31	66 27 50	Occ. white.....	D, gas	.....	.....
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

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 $\frac{1}{2}$ miles; Lepreau light, E. by S. $\frac{1}{4}$ S., 11 miles; and Head Harbour light, W. by S. $\frac{1}{4}$ S., 9 miles.	43
White, square, wood.	36	1875	Hand horn answers signals from vessels.	Seen at all points between eastern and western heads of harbour.	44
Black iron buoy, surmounted by a bell.	.....	1908	Bell rung by motion of buoy on the waves.	.....	46
Black and white vertically striped steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the whistle and lantern.	.....	1884 Gas 1907	Whistle sounded by motion of buoy on the waves.	From the buoy Wolf Island light bears W. $\frac{3}{4}$ S.; and Musquash light, E. by N. $\frac{1}{4}$ 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. $\frac{1}{4}$ E., 1 $\frac{1}{2}$ 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

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.
56	TINER POINT FOG ALARM.	On the point.....	45 9 22	66 11 22				
		Submarine bell off Negro head, $1\frac{1}{2}$ mile S. 15° E. from S. end of Meogenes Island.	45 11 0	66 6 51				
57	PARTRIDGE ISLAND GAS AND WHISTLING BUOY.	Off southeast end of Partridge Island, $1\frac{1}{2}$ mile S. from Partridge Island light-house.	45 13 16	66 2 48	Occ. white.....	D, gas		
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 $5\frac{1}{2}$ 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.	Elec-	42	5

WICK—Continued.

FUNDY—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, rectangular, wood.	.....	1904	Diaphone, operated by compressed air, gives blasts of 3 seconds' duration every 45 seconds. There will be sounded on the submarine fog bell 3 strokes in quick succession about 4 times every minute.	The horn projects from the seaward face of the building, and is elevated about 100 ft. above the water.	56
Black and white vertically striped steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the whistle and lantern.	.....	1907	Whistle sounded by motion of buoy on the waves.		57
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. Wireless telegraph station.	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. ¼ S., 2¼ miles; St. John harbour light, N. ¼ W. ½ 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 BRUNSWICK

RIVER ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
66	GREEN HEAD.....	On wooded hillside on W. side of channel at turn $1\frac{1}{2}$ miles above Indiantown.	45 16 50	66 9 15	F. white.. . . .	D. 7..	150	10
70	PERRY POINT.	Kennebecasis river. On E. side of public wharf	45 29	0 65 57 15	F. white.....	D, 7..	35	10
69	REID POINT.....	On wharf at Reid Point, Kennebecasis river.	45 28 40	65 56 35	F. white.....	D, 7..	24	7
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
81	LONG POINT.....	At Long Point, Belleisle Bay.	45 36 50	65 57 15	F. white.....	D, p..	38	6
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.	30	1900		Visible from all points of approach. In making for wharf keep in mid-channel till light bears N.N.E., then take this bearing to wharf.	70
Lantern on a pole.....		1908		Visible from all points of approach.	69
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 whitemast	19	1885		Shows from N.E. round through E. to S.W.	79
Lantern on a mast....	27	1907		Visible from all points of approach.	81
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 whitemast	40	1890		In Belleisle bay. Light visible between the bearings of N.E. through N. to S.W.	84
White, square, wood..	28	1884 mov'd 1896			87
Lantern on a mast, with white shed at base.	31	1900		Visible from all points of approach by water. To guide to public wharf.	89

NEW BRUNSWICK

RIVER ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
93	WASHAEMOAK LAKE.	MUSQUASH ISLAND. Queens County.	45 42 40	66 6 40	F. white.	C.	33	10
94		HENDRY FARM Queens County, 24 miles N.E. of Musquash Island light.	45 43 0	66 5 30	F. white.	C.	30	10
97		GAGETOWN. W. side of river.	45 46 0	66 11 0	F. white.	D, 7.	53	8
99		JEMSEG. On S. side lower Jemseg entrance.	45 47 0	66 8 40	F. red.	D, 7.	34	3
101	GRAND LAKE.	COX POINT.	46 2 0	66 1 0	F. white.	D, 7.	26	9
102		McMANN POINT. Newcastle	46 4 0	66 2 0	F. white.	D, 6.	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.	D, 5.	100	7

WICK—Continued.

JOHN—Concluded.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, on piles.	27	1875 Re-built 1893	.....	In coming down, the two lights to be kept in range until opposite N.W. end of Hog Island whence a southerly course to be kept to foot of Musquash Island. In going up, the two lights to be brought in range opposite N.W. end of Hog Island, and kept in range until within $\frac{1}{2}$ mile of the light on Hendry Farm.	93
White, square, wood, on piles.	27	1875 Re-built 1893	.....		94
White, square, wood. Lantern red. On cribwork pier.	47	1895	.....	To guide vessels between Jemseg and Musquash Island, and to show turn in river at Buzzas.	97
Mast, with white shed with brown roof at base, on white timber pier.	21	1884	.....	Light shows from S.W. round by W. to N.E.	99
White, square, wood..	36	1869	.....		101
White, square, wood..	26	1876	.....		102
White, square, wood..	16	1873	.....	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
White, square, wood; lantern red; on cribwork foundation.	42	1869 tower 1908	.....	Visible from all points of approach by water.	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.
	PARTBRIDGE 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 GAS AND WHISTLING BUOY.	In 10 fathoms $\frac{1}{2}$ mile N.W. of ledge.	45 14 35	65 22 40	Occ. white.....	D, gas		
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.....	At inner end of E. breakwater pier.	45 21 20	65 31 55	F. red.....	D, p..	20	6
122	ANDERSON HOLLOW	On outer end of breakwater.	45 37 34	64 49 48	F. white.....	D, 7..	26	8
	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. $\frac{1}{2}$ N., $1\frac{1}{2}$ miles; south-west end of Meogenes Island, N.W. by W., $3\frac{1}{2}$ 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° E. $1\frac{1}{2}$ miles, and the S. tangent of Cape Spencer S. 59° E. 2 miles.	114
Red with white band, square, building with tower. White rectangular wooden fog alarm building with red roof.	35	1873 Fog alarm 1908	Diaphone, operated by compressed air, gives one blast of $3\frac{1}{2}$ seconds duration every minute.	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. Fog alarm building near end of cape and southwest of lighthouse. Horn, 115 feet above high water mark, points S. 5° W.	115
Red steel cylindrical buoy, with "Quaco Ledge" in white letters, surmounted by a pyramidal steel frame supporting the whistle and lantern.	.....	1886 Gas 1908	Whistle sounded by motion of buoy on the waves.	From the buoy Quaco head light bears N.W. by N., $8\frac{1}{2}$ miles; Cape Spencer light, W. by N. $\frac{1}{2}$ N., 23 miles; Isle Haute light, E. by S. $\frac{1}{2}$ S., $15\frac{1}{2}$ miles.	117
White, square, wood, dwelling attached. Fog alarm building white, with brown roof, wood.	49	1835 re- built 1883	Steam horn 70 feet from lighthouse, gives blasts of 9 seconds with intervals of 30 seconds.	General coast light and to guide to St. Martin Harbour.	118
Black iron buoy with "Quaco Reef" in white letters on deck, surmounted by a bell.	.....	1885	Bell rings by action of waves.	From the buoy Quaco head light bears N.W. by W., $\frac{1}{2}$ mile; and Quaco pier light, N. by E., 2 miles.	119
Lantern on a mast temporarily.	23	1887	Hand horn answers signals from vessels.	Visible between W. by N. $\frac{1}{2}$ N. and N.W.; and between N. $\frac{1}{2}$ E. and N.E. by E. Obscured from N.W. to N. $\frac{1}{2}$ E. The deepest water in entering the inner harbour is close to the light.	120
Lantern on a pole.....	22	1889	Hand horn answers signals from vessels.	Visible from all points of approach by water. Vessels may run for harbour one hour before high water. If, for any reason, it becomes impossible to show this fixed white light from the end of the breakwater, a fixed red light will be shown temporarily from the lighthouse on shore.	122
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
129	PECK POINT.....	On southeast extremity of point.	45 44 25	64 29 1	F. white.....	D, 7..	81	10
130	FORT FOLLY POINT..	On extreme point.....	45 52 5	64 33 55	F. white.....	D, 7..	77	14

NOVA

131	AMHERST BASIN...	Front light near W. corner of Amherst Basin.	45 50 4	64 16 40	F. red.....	D, 5..	20	6
132		Back light 688 feet N. 65° E. from front light.			F. red.....	C.....	40	4
132½	AMHERST POINT WHARF.	On outer end of Government wharf.	45 48 0	64 17 0	F. white.....	D, 7..	26	6
133	MINUDIE WHARF....	On outer end of Government wharf.	45 46 23	64 20 11	F. white.....	D, 7..	26	6
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
137	EATONVILLE.....	85 feet southward of breakwater on S. side of mouth of Eatonville River.	45 26 44	64 52 37	F. red.....	D, 5..	24	6
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

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	1854	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.	126
White, square, wood, red roof. White rectangular wooden fog alarm building.	22	1908	Diaphone, operated by compressed air, gives 1 blast of 5 secs. duration every 55 secs.	Visible from all points of approach by water.	129
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..	22	1908	.....	Lights in one, bearing N. 65° E. lead up from the channel in Cumberland basin to nearly up to the old Chignecto ship railway wharf directly in front of the outer light.	131
White, square, wood..	42	1908	.....	Visible from all points of approach by water.	132
Lantern on a pole.....	20	1909	.....		132½
Lantern on a pole.....	20	1909	.....	Visible from all points of approach by water.	133
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..	22	1909	.....	Visible from all points of approach by water.	137
White, square, wood, dwelling attached, almost hidden by trees.	53	1878	.....	.....	138
White, square, wood, with dwelling attached.	27	1884 mov'd 1888	.....	.....	140

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.
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
143	PORT GREVILLE... }	Front light on face of bank.	45 24 20	64 32 38	F. red.....	D, 6..	59	6
143½		Back light on the bank, 700 feet N. 17° W. from the front light.	.....	.....	F, red.....	D, 7..	130	6
144	CAPE SHARP... }	On southern extremity of cape.	45 21 55	64 23 35	F. red.....	D, 7..	60	10
145	PARSBORO 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 55 00	F. red.....	D, p..	15	5
147½	BASS RIVER....	400 feet northward of and inside the point on W. side of mouth of river.	45 23 50	63 47 5	F. red.....	D, 6..	39	7
148	PORTAPIQUE... }	On western head at entrance to Portapique River.	45 23 35	63 43 30	F. red.....	D, p..	30	6
150	SPENCER POINT..	On N. shore, at mouth of Great Village River.	45 23 30	63 37 0	F. white.....	C.....	35	11
151	LITTLE DYKE... }	On western head at entrance to Folly River.	45 22 45	63 33 20	F. red.....	D, p..	25	6
152	MASSTOWN OR DEBERT.	On eastern head at entrance to Moss Creek.	45 22 45	63 29 0	F. red.....	D, p..	30	6
152½	MAITLAND WHARF	On the Government wharf.	45 19 11	63 29 58	F. white.....	D, 7..	24	7
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

BASIN OF MINES.

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.
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..	25	1908	.....	Front light visible from all points of approach by water. Lights in one, bearing N. 17° W., lead into the harbour between the breakwater and shore. Lights lead into Ratchford creek at Port Greville.	143
Lantern on poles with shed at base.	15	1908	.....		143½
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 2½ 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.	147
White, square, wood..	32	1907	.....	Visible from all points of approach by water.	147½
Lantern on a mast....	20	1882	.....	Visible from all points of approach. Kept lit during fishing season.	148
In window of a building	20	1863	.....	During navigation	150
Lantern on a mast....	20	1882	.....	Visible from all points of approach. Kept lit during fishing season.	151
Lantern on a mast....	20	1882	.....	Visible from all points of approach. Kept lit during fishing season.	152
Lantern on a pole.....	20	1909	.....	Visible from all points of approach by water.	152½
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

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.	
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	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	
156½	AVON RIVER BRIDGES.	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	.....
156¾	MITCHENER POINT.	On marsh south of point, W. side of Avon river.	45 2 41	64 8 38	F. white..... (See remarks)	D, 6..	42	3	
BASIN OF MINES.	157	HORTON.....	On Bluff, W. side of Avon River, near its mouth.	45 6 30	64 13 20	F. white.....	C.....	100	15
	158	WOLFFVILLE....	In marsh near inner end of Government wharf.	45 6 6	64 21 34	F. red.....	D, 7..	20	6
	159	KINGSPOBT.....	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	BORDEN 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.
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 ; on cribwork foundation.	42	1908	.....	Visible from all points of approach by water. A fixed red catoptric light is shown from a window on the S. side of the lighthouse, to show the turning point at the junction of St. Croix and Avon rivers.	156½
White, square, wood, dwelling attached.	33	1851 reb'ilt 1883	.....	.....	157
White, square, wood..	22	1902	.....	Visible from all points of approach by water.	158
White square, wood..	23	1878 reb'ilt 1891	.....	Visible from all points of approach.	159
White, square, wood, on piles.	27	1904	.....	Visible from all points of approach by water.	160
White, square, wood, on piles.	27	1904	.....	Visible in the straight reaches of the channel to the northward and eastward.	161

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
167½	PARKER COVE	On the breakwater, 57 ft. from its outer end.	44 48 46	65 32 17	F. red.....	D, 6..	22	6
168	POINT PRIM WHISTLING BUOY.	In 23 fathoms, off N. entrance to Digby Gut, 1½ miles N. 45° 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
173	PORT WADE ...	Light to be established.	.....	.....	.....	.....	.....	.....
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	Fl. white..... Flash, 8 sec. Eclipse, 6·7 "	D, 5..	70	14
180	NORTHWEST LEDGE GAS AND WHISTLING BUOY.	In 15 fathoms, 400 yds, N.N.W. ½ 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
White, square, wood...	22	1909	.....	Visible from all points of approach by water.	167 $\frac{1}{2}$
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	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	1871 Fog-alarm 1901	.....	Visible from all points of approach by water.	170
White, square, wood..	27	1887 Tower 1903	.....	To serve as a guide through Digby Gut, and to small vessels seeking a landing at Victoria beach.	171
White, square, wood..	32	1905	.....	Visible from all points of approach by water.	172
.....	.....	.....	.....	.....	173
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, red octagonal iron 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., $4\frac{3}{4}$ 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. $\frac{1}{2}$ 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. 13 $\frac{1}{2}$ miles ; Lurcher Shoal buoy S.W. by W. 12 $\frac{1}{2}$ miles.	195
White, square, wood..	27	1884 Tower 1897	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 GAS AND WHISTLING BUOY.	In 22 fathoms 5 miles N. 56° W. from Cape Fourchu Light.	43 48 50	66 16 1	Occ. white.....	D, gas.....	.....	.....
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	Fl. white..... Flash, 0' 25 sec. Eclipse, 2' 25 sec.	D, 2..	121	17
		Submarine bell 2 miles S. 70° W. from Yarmouth or Cape Fourchu lighthouse.	43 46 16	66 11 33	.....	.....	.....	.....
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.	$\frac{1}{2}$ mile 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	.....	.....	.....	.....

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 steel cylindrical buoy with "Y'm'th N. W. F'y" in white letters on the deck, surmounted by a pyramidal steel frame supporting the whistle and lantern.	1894 Gas 1907	Whistle sounded by action of the waves.	From the buoy Chegoggin Pt. bears E. by N. $4\frac{1}{4}$ 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. $22\frac{1}{2}^{\circ}$ 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; red circular metal lantern; white wooden dwelling near by.	64	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
.....	There will be sounded on the submarine fog bell 2 strokes in quick succession about 5 times every minute.	.....	.....
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.	1907	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., $3\frac{3}{8}$ miles	208

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.
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				
211½	SCHOONER PASSAGE BELL BUOY.	In 8 fathoms, off the northern entrance to Schooner Passage, ¾ 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	Fl. White..... Group of 3 flashes every 15 seconds (flashes at interval of 3 secs. followed by an eclipse of 9 secs.)	D, 2.	102	16
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

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.
Steel, cylindrical buoy, painted in black and white vertical stripes, with "Y'm'th S.W. Fy" 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. 7½ miles; Gannet Rock, S.E. by E. 7¾ 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
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 red circular metal lantern. Fog alarm building, long, white, rectangular, wooden structure.	67	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. ¼ N., 5¾ miles. Fog whistle building, 585 feet S. 26° W. from lighthouse. Lifeboat on eastern side of island.	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

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.
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	Occ. white..... Visible, 6 secs. Eclipsed, 4 secs.	D, 4..	41	11
229	PUBNICO FAIRWAY GAS AND WHISTLING BUOY.	In 15 fathoms, 6 miles S. 56° W., from Pubnico Harbour light.	43 31 6	65 52 5	Occ. white.....	D, gas		
231	BON PORTAGE WHISTLING BUOY.	In 8 fathoms, 1 mile S. 22½° W., from Bon Portage I. light.	43 26 14	65 44 44	.....	.....
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

TIA—Continued.

COAST—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, 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 red octagonal iron lantern.	40	1854 Im- prov'd 1889	Hand horn answers signals from vessels.	Open westward of St. Johns Island, bearing N. E. by N., clears the ledge; in making harbour from any other direction, the light must be brought to the northward of E. N.E. before it can be steered for to avoid shoal spot off St. Ann's Point.	227
Steel cylindrical buoy, alternate black and white vertical stripes, with "Pubnico" on the deck, surmounted by a pyramidal steel frame supporting the whistle and lantern.	.....	1901 Gas 1908	Whistle sounds by action of the waves.	From the buoy Whitehead I. light bears N. by E., $\frac{1}{2}$ E., $8\frac{1}{2}$ miles; Gull Ledge, N. $6\frac{1}{2}$ miles; and Pubnico Harbour light, N.E. by E., 6 miles.	229
Red iron buoy, with "Bon Portage" in white letters on the side, surmounted by a 10-inch whistle.	....	1901	Whistle sounded by motion of buoy on the waves.	.....	231
White, square, wood, with dwelling attached.	28	1874	Hand horn answers signals from vessels.	For guiding vessels into Barrington West Bay and Shag Harbour.	232
White, small, square tower.	21	1877	Hand horn answers signals from vessels.	To guide vessels into the anchorage of Stoddart Harbour and Shag Harbour Sound.	233
White, square, wood, on concrete pier, red octagonal iron lantern.	28	1900	Hand horn answers signals from vessels.	Visible all around the horizon.....	234
White, square, wood..	36	1888	Hand horn answers signals from vessels.	Visible from all points seaward....	236
Red, iron buoy, surmounted by a bell.	.....	1903	Bell rung by motion of the buoy on the waves.	.....	237
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, Wessex Ledge, S. W. by W. $\frac{1}{4}$ W., $\frac{3}{4}$ mile; Bac- caro Light, S.S.E. $\frac{1}{4}$ E., $6\frac{1}{2}$ miles; Bantam Rocks, S. by E. $\frac{1}{4}$ E. $6\frac{1}{2}$ miles. To guide into Barrington Bay and through Barrington Pass- age.	241

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
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 .....	.....	.....
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
248	PORT LATOUR FAIRWAY BELL BUOY.	In 52 fathoms, 3¼ miles S. 70° E. from Page island.	43 26 20	65 24 10	.....	.....	.....	.....
250	NEGRO ISLAND....	On N. side	43 30 54	65 20 58	Alt. red and white one minute.	C ..	60	13
251	NORTHEAST HARBOUR.	{ Front range on E. side of harbour between Johns Point and Shingle Point. Back light 850 feet N. W. from front one.	43 32 44	65 23 34	F. white.....	C	34	11
252			.....	.....	F. white.....	D, 7..	44	11
253	NEGRO HARBOUR FAIRWAY WHISTLING BUOY.	In 21 fathoms, off E. entrance to Negro Harbour, 1¼ miles S. 51° E. from Budget rock.	43 30 55	65 18 49	.....	.....	.....	.....
255	JIG ROCK BELL BUOY.	In 9 fathoms, ¼ 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 GAS AND WHISTLING BUOY.	In 18 fathoms, off entrance to Shelburne Harbour.	43 37 5	65 11 44	Occ. white.....	D, gas .....	.....	.....

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 ball seaward, square, wood.	35	1850 new lantern 1882	Hand horn answers signals from vessels.		243
Red iron buoy with 10-inch whistle.		1888	Whistle sounded by the motion of the waves.		244
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. 6½° E. 6½ miles; C Sable Light N. 55° W., 8 miles.	246
White, with red iron lantern, square, wood, with kitchen attached	34	1890	Hand horn answers signals from vessels.	Visible from all points of approach.	247
Iron buoy, alternate black and white vertical stripes, with "Latour Fairway" painted on the deck, surmounted by a bell.		1908	Bell rung by motion of buoy on the waves.		248
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. ¼ E., it leads up from Shag Rock through mid-channel.	251
White, square, wood..	44	1899			252
Black and white vertically striped iron buoy, surmounted by a 10-inch whistle.		1907	Whistle sounded by motion of buoy on the waves.		253
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 re-paired 1858	Trumpet, established 1884, sounds a blast of 10 seconds' duration every two minutes.		256
Steel cylindrical buoy, alternate black and white vertical stripes, with "Shelburne" painted on the deck, surmounted by a pyramidal steel frame supporting the whistle and lantern.		1905 Gas 1968	Whistle sounds by action of waves.	From the buoy, Cape Roseway light bears N. 67½° W. 2½ miles; and Surf Point bears N 39° W. 6½ miles.	257

NOVA
ATLANTIC

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
258	SAND SPIT	80 yards from extremity at E. side of entrance to Shelburne Harbour.	43 41 25	65 19 28	F. red.....	C	47	10
259	JORDAN	On outer end of Jordan Bay east side break-water, east side of Jordan River.	43 45 30	65 13 5	F. red.....	D, 6..	24	6
259½	BULL ROCK BELL BUOY.	In 15 fathoms, ¼ 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 12½ fathoms 1½ miles E. ½ S. from Gull Rock light, and 3½ miles S. ½ E. from Carter I. light.	43 39 30	65 4 0	.....	.....	.....	.....
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.....	D, 6..	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	Fl. white	D, 2..	100	15
					Flash 4 sec. Eclipse 1'6 " Flath "4 " Eclipse 7'6 sec.			
271	PORT MOUTON.....	N.E. point, Spectacle Island, Queens Co.	43 55 5	64 48 5	F. red.....	C	47	11

SCOTIA—Continued.

COAST—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, on white, square, concrete pier.	44	1873 reb't 1880	Hand horn answers signals from vessels.		258
White, square, wood..	27	1907	.....	Visible from all points of appr ach.	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.		259½
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. ¼ W. 5½ miles, Gull Rock Light N.W. ¼ N. 3½ miles, and a N.N.W. course leads about midway between the 4½ 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, 2¼ miles distant.	263
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. ½ N., 2½ miles; Black Point extremity, N.E. by N., 3½ miles; Joli Point N. ¼ W., 2¼ 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
Cylindrical reinforced concrete tower; red circular metal lantern.	98	1865 Tower 1908	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 signal from vessels.	For guiding vessels into harbour... Life-boat station on N.W. end of Port Mouton Island.	271

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.
272	LIVERPOOL BAY FAIRWAY GAS AND BELL BUOY.	Midway between Eastern head and Black point.	44 1 55	64 39 45	Occ. white	D, gas	30	7
273	FORT POINT.....	Liverpool Bay, S. entrance.	44 2 35	64 42 20	F. red.....	C.....		
274	BROOKLYN PIER.....	On inner end of breakwater.	44 2 45	64 41 20	F. green.....	D, p.....	30	4
276	LIVERPOOL GAS AND WHISTLING BUOY.	In 20 fathoms in fairway off Liverpool.	44 0 20	64 36 55	Occ. white.....	D, gas.....		
277	COFFIN ISLAND.....	S. point, Liverpool Bay	44 1 55	64 37 32	Rev. white, 2 min. Light 30 sec. Dark 90 "	C.....	65	16
279	PORT MEDWAY BELL BUOY.	In 14 fathoms $1\frac{1}{2}$ miles S.S.W. from breaker off approach to Port.	44 3 15	64 31 25				
280	MEDWAY HEAD.....	Port Medway, W. side of entrance.	44 6 10	64 32 15	F. white.....	C.....	44	10
81	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 sec. onds.	C.....	72	13

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, alternate black and white vertical stripes, surmounted by a steel frame supporting the bell and lantern.		1909	Bell rung by motion of buoy on the waves.		272
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 Gas 1883 1907		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
Steel cylindrical buoy, alternate black and white vertical stripes, with "Liverpool" painted on the deck, surmounted by a pyramidal steel frame supporting the whistle and lantern.		1883 Gas 1907	Whistle sounded by action of waves.	From the buoy Coffin Island light bears N. $\frac{1}{2}$ E. $1\frac{1}{2}$ miles, Fort Point light N. W. $\frac{1}{2}$ N., and Western Head W. $\frac{1}{2}$ S. $2\frac{1}{2}$ miles. From buoy a course N.W. $\frac{1}{2}$ 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
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

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.
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		
293	SCULPIN SHOAL BELL BUOY.	In 7 fathoms, about ¼ mile westerly from the ½-fathom patch on western end of shoal.	44 20 12	64 15 13	.....	.....
294	BATTERY POINT.....	Entrance to Lunenburg Harbour.	44 21 45	64 17 35	F. red	C	81	11
294½	LUNENBURG GAS AND BELL BUOY.	In northern entrance to Lunenburg Bay.	42 20 15	64 11 23	Occ. white	D, gas		
295	CROSS ISLAND.....	E. point Lunenburg Bay	44 18 45	64 9 57	Gp. Rev. white, 3 flashes, 15 seconds apart, then an eclipse of 20 seconds, revolution in 1 minute.	C	100	15
297	HOBSON ISLAND.....	Mahone Bay	44 24 55	64 13 46	F. red	D. 5	68	8
298	WESTHAVER ISLAND.	Mahone Bay	44 26 15	64 20 2	F. white	D, 7	54	12
300	QUAKER ISLAND....	Off Chester.....	44 30 55	64 13 48	F. red	D, 7	109	11
302	CHESTER, OR EAST IRONBOUND ISLAND	A little to eastward of centre of Island, in Mahone Bay.	44 26 24	64 4 50	F. white	C	150	16
303	GREEN ISLAND	Off St. Margaret and Mahone Bays.	44 22 57	64 2 45	Alt. Red and white Red 52 sec. Eclipse 38 " White 52 " Eclipse 38 "	C	66	w 13 R 8
					Complete rev. 3 min			

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 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
Red iron buoy, surmounted by a bell.	.....	1907	Bell rung by motion of buoy on the waves.	.....	293
White, square tower on dwelling.	24	1864	Hand horn answers signals from vessels.	.....	294
Black and white vertically striped steel cylindrical buoy, surmounted by a steel frame supporting the bell and lantern.	.....	1907	Bell rung by motion of buoy on the waves.	.....	294 $\frac{1}{2}$
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
White, square, wood, with dwelling attached.	28	1874	.....	.....	303

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.
305	NORTHEAST SHOAL GAS AND WHISTLING BUOY.	In 21 fathoms $1\frac{3}{4}$ miles E. by N. $\frac{1}{2}$ N. from the middle of N.E. Shoal.	44 25 54	64 0 2	Occ. white.....	D, gas.....	.....	.....
305 $\frac{1}{2}$	HORSESHOE LEDGE BELL BUOY.	In 11 fathoms, $\frac{1}{3}$ mile S. E. from ledge.	44 28 18	63 58 24	.....	.....	.....	.....
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.	$\frac{3}{4}$ 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, $\frac{1}{4}$ 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.
Black steel cylindrical buoy, with "N. E. Shoal" in white letters, surmounted by a pyramidal steel frame supporting the whistle and lantern.	..	1895 Gas 1907	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
Red iron buoy, with "Horseshoe Ledge" in white letters on the deck, surmounted by a bell.	.....	1908	Bell rung by motion of buoy on the waves.	.....	305 $\frac{1}{2}$
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 Pen- nant Point.	44 24 20	63 39 32	.....	.....	.....	.....
316	PENNANT HARBOUR.	On a point on N. side of entrance to Pen- nant 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.. acety- lene.	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, $6\frac{1}{4}$ miles S. $54\frac{1}{2}^{\circ}$ E. from Chebucto Head lighthouse.	44 28 25	63 22 10	Occ. white.....	D, gas acety- lene.	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. $\frac{1}{2}$ N. $1\frac{1}{2}$ miles; Shipley Head pole light, N. $\frac{3}{4}$ W., $3\frac{3}{4}$ miles; Bull Rock, E. N.E. 2 miles, and Sambro light, E. $\frac{1}{2}$ N., $4\frac{1}{8}$ miles.	315
White, square, wood..	33	1903	.....	Visible from seaward. When light is brought to bear N. 46° E. it will lead in clear of Broad Shoal, and to the eastward of Thrumcap and Pawson rock.	316
White, square, wood..	33	1899	.....	Visible from all points of approach by water. To guide small vessels to safe anchorage in harbour.	317
White 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. Submarine bell rung at irregular intervals by the motion of the buoy on the waves.	From this buoy Pennant Point bears N.W. by N. $\frac{1}{2}$ N., $7\frac{1}{2}$ miles; Sambro light N. $\frac{1}{2}$ W., $5\frac{1}{2}$ miles; Chebucto light, N. by E. $\frac{3}{4}$ 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.	Lifeboat in Duncan Cove.....	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. $\frac{1}{2}$ N. $8\frac{1}{2}$ miles; Devil Island N. $\frac{1}{4}$ W. $7\frac{1}{2}$ miles; and Inner whistling buoy N.W. $\frac{1}{2}$ N. 6 miles.	326

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.
328	INNER GAS AND WHISTLING BUOY.	In 20 fathoms N.E. $1\frac{1}{2}$ miles from Chebucto Head lighthouse.	44 31 40	63 29 50	Occ. white.....	D, gas		
		Submarine bell $\frac{1}{4}$ mile N. 1° E. from buoy.	44 31 51	63 30 0				
329	NEVERFAIL SHOAL GAS BUOY.	In 6 fathoms $\frac{1}{2}$ mile S. of middle of Neverfail Shoal.	44 33 20	63 30 50	Occ. white.....	D, gas acetylene.	9	4
330	THRUMCAP GAS AND BELL BUOY.	In 10 fathoms off S. extremity 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.	$\frac{1}{2}$ mile, N. 16° E., from south point of Finlay Cove.	44 37 0	63 31 48	F. white.....	C ...	132	17
334	MIDDLE GROUND GAS BUOY.	In 6 fathoms $\frac{1}{2}$ mile S. of centre of middle ground W. of McNab Island.	44 36 30	63 32 30	Occ. white.....	D, gas acetylene.	9	4

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., 3½ 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, steel, cylindrical buoy, surmounted by a steel frame support-the bell and lantern.	...	1893 Gas 1903	Bell rung by the action of the waves.	.....	330
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 lighthouse.	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
Steel, cylindrical buoy, painted in red and black horizontal bands, surmounted by conical slatwork topmark and a lantern.	.....	1903	.....	.....	334

NOVA
ATLANTIC

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high watermark.	Miles seen in clear weather.
335	GEORGE ISLAND.	On W. Side of Island in Halifax Harbour.	44 38 30	63 33 25	Rev. red, 10 secs..	C.....	50	8
336	DARTMOUTH.	Tower of Dartmouth exhibition building.	44 40 36	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
339	DEVIL ISLAND...	175 yards W. $\frac{3}{4}$ S. from higher light.	.....	.....	F. white.....	C.....	52	12
341	MUSQUODOBOIT SHOAL WHISTLING BUOY.	One mile W.S.W. of shoal.	44 38 20	63 6 15	.....	.....	.....	.....
342		Front light on pier on Shag Ledge.	44 41 42	63 4 25	F. red.....	D, 6..	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, 6..	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.
White, square, wooden tower, with black diamond on south side; red, iron lantern. Tower and fog bell on west side of dwelling.	35	1876 reb't 1903	Bell strikes 7 times a minute at equal intervals.	George Island light visible from all points of approach. Dartmouth light visible in the line of range. Proceeding inwards from the intersection of the alignment of Mauger beach and McNab Island lights with the alignment of George Island and Dartmouth lights, keep George Island and Dartmouth lights in one bearing N. 1° E. This leads well clear of the Middle Ground and Point Pleasant shoal.	335
White, wooden tower of exhibition building, with black diamond on south side of tower; white, wooden lantern.	70	1903	.....		336
Black, steel buoy, with "Pt. Pleasant" in white letters, surmounted by a bell.	.....	1903	Bell rung by motion of the buoy on the waves.	.....	337
White, octagonal, wood	53	1877	.....	Pilots are stationed here. The eastern light, open to southward of western light, clears to southward of Thrumcap Shoal.	338
White, octagonal, wood	45	1852	.....	Lifeboat station at N.W. end of island.	339
Iron buoy, black and white vertical stripes, with "Musquodoboit" painted on the buoy, surmounted by a 10-inch whistle.	.....	1908	Whistle sounded by motion of buoy on the waves.	.....	341
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

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.
346		(On W. side of entrance to harbour, between West Head and Marsh Point.	44 42 46	63 0 30	F. white.....	C.....	41	9
347	JEDDORE HARBOUR RANGE.	Backlight 850 feet, N. 8° E. from front.			F. white.....	C.....	105	16
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. red.....	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 Harbour.	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. $\frac{1}{2}$ W., $5\frac{1}{4}$ miles from lighthouse.	44 44 30	62 28 37	Occ. white.....	D, gas	30	....
358	SHEET ROCK.....	Entrance to Sheet Harbour.	44 49 55	62 29 23	Rev. red, 40 seconds.	C.....	75	10
359	SHEET HARBOUR PASSAGE BELL BUOY.	In 10 fathoms, $\frac{1}{4}$ mile S. E. from Fishery point shoal.	44 49 10	62 25 30	.....			....
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., $9\frac{1}{2}$ 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 $1\frac{1}{8}$ 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
Iron buoy, black and white vertical stripes, with "Sheet Harbour Passage" painted on the buoy, surmounted by a bell.	...	1908	Bell rung by motion of buoy on the waves.	.....	359
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

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.
363	BEAVER ISLAND.....	S. E. part of East Beaver	44 49 34	62 20 10	Rev. white, 45 seconds.	C.....	70	
364	BEAVER HARBOUR...	On E. end of Beaver Point.	44 52 23	62 23 40	F. red.....	D, p..	40	6
365	LOCKWOOD ROCK WHISTLING BUOY.	$\frac{1}{2}$ mile south of Lockwood rock.	44 51 35	62 4 15	.....	.....	.....	.....
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 28 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
372	BUDGET.....	On extremity of shoal, St. Mary River.	45 3 12	61 53 38	F. red.....	D, 7..	23	6
373	NIXONMATE SHOAL BELL BUOY.	In 8 fathoms, $\frac{1}{2}$ mile S. $5\frac{1}{2}$ W. of the $1\frac{1}{2}$ -fathom patch on the shoal.	45 2 51	61 44 39	.....	.....	.....	.....
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 48	61 40 33	F. red.....	D, 7..	25	6
376	ISAAC HARBOUR GAS AND WHISTLING BUOY.	In 25 fathoms $3\frac{3}{4}$ miles S. W. by S. $\frac{1}{2}$ S. from Country Harbour light.	45 2 20	61 32 37	Occ. white.....	D, gas	30	.....
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
378	HARBOUR ISLAND...	On end of the shingle point at northwest end of island.	45 8 35	61 36 45	Occ. white..... Visible 8 secs. Eclipsed 4 "	D, 6..	37	11
379	COUNTRY HARBOUR..	On Green Island, Guysborough County.	45 6 8	61 32 30	F. white.....	C.....	51	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.
White with red vertical stripes.	35	1846	Diaphone, operated by compressed air, gives one blast of 3 secs. duration every minute.	On dwelling.....	363
Lantern on mast, with white shed at base.	25	1887		.....	364
Red iron buoy, with "Lockwood" in white letters, surmounted by a 10-inch whistle.		1908	Whistle sounded by motion of buoy on the waves.	.....	365
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. $\frac{3}{4}$ N. $5\frac{3}{4}$ 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
Red iron buoy, with "Nixonmate" in white letters on the deck, surmounted by a bell		1908	Bell rung by motion of buoy on the waves.	.....	373
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. Maintained only from 1st April to 15th December.	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. $\frac{3}{4}$ 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
Lantern rising from red roof of white square wooden dwelling.	35	1908		.....	378
White with two red horizontal bands, square, wood, dwelling attached.	28	1873		Coast light and to guide vessels frequenting Country and Fisherman Harbours.	379

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.
330	NEW HARBOUR HEAD WHISTLING BUOY.	In 10 fathoms, $\frac{1}{2}$ mile S. 22° W. from S. extremity of head.	45 8 36	61 28 7	.....	.....	.....	.....
331	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
333		Front light on extremity of point on W. side of harbour.	45 14 48	61 19 54	F. white.....	C....	28	3
334	CHARLO HARBOUR...	Back light 742 feet N.W. $\frac{1}{4}$ W. from front light.	.....	.....	F. white.....	C....	51	3
335	COLE HARBOUR RANGE.	North side of entrance to harbour, 65 feet from water's edge.	45 15 45	61 17 0	F. red.....	D 7..	40	8
336		650 feet N. 33° E. from front light.	.....	.....	F. red.....	C....	107	10
337	COLE HARBOUR.....	On southeastern side of harbour.	45 15 53	61 15 58	F. red.....	C....	.....	.....
338	PORT FELIX... ..	S.E. end of Hog Island	45 13 54	61 13 0	F. white.....	D, 7..	42	.....
339	FLYING POINT SHOALS BELL BUOY.	$1\frac{1}{2}$ miles S. 18° W. from Hog island lighthouse.	45 12 11	61 12 48	.....	.....	.....	.....
330	THREE TOP ISLAND..	S.E. point of island, entrance to Whitehaven.	45 12 40	61 9 40	F. white.....	C....	48	11
331	SOUTHWEST BULL BELL BUOY.	In 10 fathoms 1 cable S.E. from Southwest Bull rock.	45 11 22	61 8 18	.....	.....	.....	.....
332	WHITEHEAD ISLAND.	S.W. extremity of island, Guysborough County.	45 12 06	61 8 15	Rev. white, 20 seconds, 10 seconds flash, 10 seconds eclipse.	C....	55	11

SCOTIA—Continued.

COAST—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Red, iron buoy, with "New Har. Hd." in white letters on the side, surmounted by a 10-inch whistle.	.....	1903	Whistle sounded by motion of the buoy on the waves.	.....	380
White, with vertical red stripes, wood. Top of lantern black.	36	1876	.....	Shows red to seaward, white to northward into bay and towards Molasses Harbour.	381
White, square, wood..	23	1901	.....	Lights visible in and over small arc on each side of line of range.	383
White, square, wood..	23	1901	.....	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.	384
White, square, wood..	33	1898	.....	After passing Berry Head, the lights in one lead into Cole Harbour to the westward and clear of Topsham ledge and Seal Rocks.	385
White, square, wood..	33	1898	.....	.....	386
Lamp in dormer window of Wm. Munro's house.	.....	1907	.....	Vessels bound for Cole Harbour should keep the alignment of Cole Harbour range lights until the light in Munro's house opens clear of the intervening bluff on the S. side of the harbour, when they should run for this harbour light on a S. 83° E. course to an anchorage.	387
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

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.
393	WHITEHEAD GAS AND WHISTLING BUOY.	In 30 fathoms, 2½ 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, ½ 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.
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. $\frac{1}{2}$ E. from the buoy; this will lead $2\frac{1}{2}$ 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	FL white Group of 2 flashes every 18 secs., (flashes at interval of 3 secs., followed by an eclipse of 15 secs.)	D. 2..	123	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. Lower light F. white, 35 feet below main.	D. 3.. D. 7..	89 54	15 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	....
402		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, ½ 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. There are six relief stations on the Island connected by telephone and patrols, and three life saving stations. Wireless telegraph station near main station.	395
Sides of octagonal wooden tower alternately white and brown, red circular metal lantern.	81	1873	.....		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 $\frac{1}{2}$ 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't 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 southern 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 Frying 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. $\frac{3}{4}$ mile N. 13° E. from Hart Island light.	45 21 36	60 59 23	.....	.....	.....	.....
408	QUEENSPORT.....	On Rook Island, Chedabucto Bay.	45 21 5	61 16 0	F. white.....	D, 7..	50	12
409	GUYSBOROUGH HARBOUR.	W. side of entrance, near Peart Point, Chedabucto Bay.	45 22 46	61 29 4	F. white.....	D, 5..	38	11
	CERBERUS ROCK....	See below No. 425.						
410	ARGOS SHOALS WHISTLING BUOY.	In 10 fathoms, $\frac{1}{2}$ mile easterly from shoal.	45 29 30	61 12 27	.....	.....	.....	.....
410 $\frac{1}{2}$	PENINSULAR SHOALS BELL BUOY.	In 10 fathoms, about $\frac{1}{2}$ mile S. 31° W. from southern extremity of Peninsula Point.	45 30 34	61 11 0	.....	.....	.....	.....
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 1	61 17 19	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 O M I L L A N POINT.	On southwestern extremity of point.	45 38.57	61 24 33	F. white.....	D, 5..	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
Black iron buoy, with "C. Argos" in white letters on the side, surmounted by a 10-inch whistle.	.....	1907	Whistle sounded by motion of buoy on the waves.	.....	410
Red iron buoy, with "Peninsula Shoals" in white letters on the deck, surmounted by a bell.	.....	1907	Bell rung by motion of buoy on the waves.	.....	410½
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	Hand horn answers signals from vessels.	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
419	NORTH CANSO..	See below, No. 555. Front light on inner end of beach on N. side of harbour.	45 31 24	61 5 17	F. red.....	C....	29	7
420	WESTARICHAT	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	ARICHAT.....	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, $\frac{3}{8}$ 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 $6\frac{1}{4}$ sec. In every $7\frac{1}{2}$ sec.	D, 5..	.92	15
432	GRANDE DIGUE..	On beach, near wharf, Lennox Passage.	45 35 50	61 1 5	F. red.....	D, 6..	29	7
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	.....	Lights in one bearing N. 86° E. lead in through channel between shoals on N. and S. sides of entrance.	420
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 Petitegrat 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
White, square wood...	32	1884 Tower	.....	.....	432
Lantern on mast, with white shed at base.	25	1907 1884	.....	Marking the principal turning points in Lennox Passage.	433 434
White, square, wood, with dwelling attached. Iron lantern red.	32	1884 Tower	.....	.....	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.						
441	} L'ARDOISE.....	Range lights to be established.						
442								
443	ST. ESPRIT ISLAND.	E. end of Island.....	45 36 30	60 29 10	Rev. white, 30 sec.	C.....	78	14
445	FOURCHU BELL BUOY	In 12½ fms. off Fourchu Inlet, ½ mile S. from extremity of point on N. side of entrance to Fourchu Inlet.	45 43 15	60 13 10				
446	FOURCHU HEAD....	On Fourchu Head, near its east extremity.	45 43 12	60 14 0	F. red.....	D, 6.	45	8
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 Bullhook.	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				
		Submarine bell eastward of Harbour Shoal, and about ¼ mile W. of bell buoy.	45 54 7	59 56 37				

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
.....	.....	.....	.....	.....	441
.....	.....	.....	.....	.....	442
White with two red bands, square, wood, with dwelling attached.	55	1880	.....	Bad Neighbour Shoal, S. W. $\frac{3}{4}$ W. $1\frac{1}{2}$ miles from this light.	443
Red iron buoy surmounted by bell.	.....	1881	.....	For benefit of fishermen.....	445
White, square, wood..	32	1907	.....	Visible from all points of approach.	446
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. $\frac{1}{5}$ 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
.....	.....	.....	There will be sounded on the submarine fog bell 2 strokes in quick succession about 5 times every minute.		

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.
453	LOUISBURG.....	N. side of entrance to harbour, 120 yards in-shore of point.	45 54 35	59 57 15	F. white.....	C	85	16
454	LOUISBURG RANGE.	Front range on W. side of harbour.	45 54 15	59 59 6	F. red.....	D, 7..	26	7
455		Back range 1,330 feet N. 67° 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. head-land at entrance to harbour.	45 57 15	59 51 20	F. white.....	D, 6..	76	9
461	BAR REEF WHISTLING BUOY.	In 12 fathoms, $\frac{1}{3}$ mile S. 67½° E. from Helen rock at the eastern extremity of reef.	45 59 17	59 46 54	.....	.....	.....	.....
461½	MAD DICK SHOAL BELL BUOY.	In 6 fathoms, off south side of shoal.	46 0 13	59 49 2	.....	.....	.....	.....
462	MAINADIEU.....	On S. side of W. point of Scatari Island	46 0 30	59 47 30	F. red.....	C	90	10
464	SCATARI.....	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 BELL BUOY	In 8 fathoms, $\frac{1}{3}$ 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.....	Front light on the N. pier at entrance to Glace cove.	46 12 0	59 56 45	F. red.....	D, 6..	23	6
469		Back light on S. side of Glace cove, 1900 feet S. 60½° W. from front light.	F. red.....	C	51	8

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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, with a black vertical stripe on each side of wooden dwelling, iron lantern on roof	35	1842 Fog-alarm 1902	Diaphone, operated by compressed air, give 2 blasts of 3 seconds' duration each every 75 secs., thus: blast 3 secs., silent 2 secs., blast 3 secs., silent interval 67 secs.	The diaphone is situated on edge of cliff, 400 feet S. 60° E. from light-house.	453
White, square, wood..	28	1897	.....	The two lights in one lead into the S.W. arm clear of all dangers.	454
White, square, wood..	28	1897	.....		455
Lantern on a white pole.	.....	1900	.....		456
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.	457
White, octagonal, wood; red octagonal iron lantern.	32	1900	.....		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.	Visible from all points of approach by water. Maintained only from 1st May to 1st December.	461
Red iron buoy, surmounted by a bell.	.....	1908	Bell rung by motion of buoy on the waves.		461½
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
White, square wood..	22	1907	.....	Front light visible from all points of approach; back light visible in, and over a small arc on each side of, the line of range.	468
White, square wood..	42	1907		Lights in one, bearing S. 60½° W., lead into the entrance to the harbour between the N. and S. piers. The front light to be left 50 feet on the starboard hand in passing in.	469

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.
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	Fl. white..... Flash 25 sec. Eclipse 75 " Flash 25 " Eclipse 3 75 secs.	D, 3..	75	14
471½	LOW POINT GAS AND WHISTLING BUOY.	In 19 fathoms, 2½ miles N. 29° E. from Low Point.	46 18 41	60 7 25	In every 5'00 " Occ. white.....	D, gas.....		
472	SYDNEY BAR.....	On W. end of S.E. bar.	46 12 26	60 12 39	F. red.....	C.....	30	10
472½	SYDNEY SOUTHEAST BAR GAS BUOY.	In 7½ fathoms, ¾ mile N.W. from Sydney Bar lighthouse.	46 12 36	60 13 5	Occ. red.....	D, gas.....		
473	SYDNEY NORTH BAR.	Light to be established.						
474		Front light on point, S. side of W. Arm of Sydney Harbour, one mile W. of Edward Point.	46 11 3	60 14 51	Occ. white..... Visible 7 secs. Eclipsed 3 "	D, 4..	59	13
	SYDNEY RANGE.....							
475		Back light ½ mile S. 59° W. from front light.			F. white.....	D, 4..	120	17
477	POINT ACONI WHISTLING BUOY.	In 15 fathoms, about 1½ miles N. 73° E. from extremity of point.	46 21 43	60 15 22				
478	POINT ACONI.....	On high cape, N. side of entrance to Little Bras d'Or.	46 19 30	60 17 10	F. red.....	C.....	91	11
480	BLACKROCK POINT..	S. side of entrance to Big Bras d'Or.	46 18 30	60 23 20	F. white.....	C.....	45	12
	For next coast lights	see No. 520.						
482		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	GREAT BRAS D'OR. McNEIL BEACH.	On N. side of Boularderie Island.	46 13 55	60 29 15	F. red.....	D, p..	33	8

SCOTIA—Continued.

ISLAND—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks	No.
White, square, wood.	20	1874			470
Vertical red and white stripes, octagonal, wood; red circular metal lantern. Fog alarm building, white rectangular, wood, with a red roof.	69	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
Cylindrical steel buoy, alternate black and white vertical stripes, with "Sydney" in white letters on the deck, surmounted by a pyramidal steel frame supporting the whistle and lantern.		1908	Whistle sounded by motion of buoy on the waves.	In alignment of Sydney range lights	471½
White, square, wood, dwelling attached.	20	1872		Roman Catholic Church near N. W. Bar, bears N. W. ½ N. 1 3/10 miles, and that near Gillivray Point E. N. E. easterly.	472
Black steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.		1908			472½
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.	473 474
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.	482
White, square, wood.	46	1903		Back light visible in the line of range. Lights in one bearing S. 55° 15' W. lead into Great Bras d'Or, and should be kept in one to within 4 cables of front light, whence course through narrows is S. 75° W. with Blackrock point and Table head in one astern.	483
Lantern on mast, with white shed at base.	25	1884			484

NOVA

CAPE BRETON

Nc	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.
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	D, 6..	.80	11
490	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 06	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
496	GILLIS POINT.....	On W. side of entrance to Boulaceet Harbour on northern side of Little Bras d'Or Lake	46 1 32	60 46 18	F. white	D, 7..	74	14
497	IONA.....	On Uniacke Point, N. side of Grand Narrows.	45 57 54	60 48 2	F. white	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	CAMPBELL ISLAND.	On eastern side of island, W. side of entrance to McKinnon Harbour.	45 54 46	60 55 54	F. white.....	D, p..	30	10
505		Front light on N. side of Cove, N. side of West Bay.	45 49 35	61 1 47	F. red	C	46	8
506	CLARKE COVE...	Back light on side of Marble Mountain 800 feet N. 42° W. from front light.	.....	.....	F. red	C	244	11
508	RED ISLANDS...	On McKenzie Point ...	45 47 32	60 44 40	F. red	D, 7..	47	8
510	CAPE GEORGE...	S. side of lake, W. side of entrance to St. Peter Inlet.	45 44 28	60 48 20	F. white	C	50	10

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; red octagonal iron lantern; dwelling near by.	33	1874 re-built 1908			486
White, square, wood...	33	1875			490
White, square, wood..	35	1881			493
Lantern on mast, with white shed at base.	25	1884			494
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 super-structure. 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

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.
513	ST. PETER INLET.	FREESTONE ISLET On Gregory Island....	45 42 50	60 47 50	F. red.....	D, 7..	30	7
514		BEAVER ISLAND. On S.E. point of island	45 40 40	60 49 47	F. red.....	D, p..	30	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
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	F. red.....	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

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..	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
White, square, wood..	38	1871 reb'tt 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. White rectangular wooden fog alarm building with red roof.	26	1876 Fog alarm 1908	Diaphone, operated by compressed air, gives one blast of 3 seconds duration every 30 seconds.	Coast light..... Fog alarm building on Money Point.	530
White, with iron lantern red, square, wood, with dwelling attached.	56	1889		Upper light in lantern visible over an arc of 191° between W. ½ N. through S. to E. ½ N.	531
				Lower light in bay window on lower floor visible over 185° between W. ½ N. through S. to E. ½ N.	

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.
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. Back range, 990 feet S. by W. $\frac{3}{4}$ W. from front light.	46 38 15	61 0 25	F. red.....	C....	45	8
537					F. white.....	C....	62	13
538	CHETICAMP.....	Near S. end of Island..	46 36 20	61 3 10	Rev. white, 45 seconds.	C....	149	18
540	GRAND ETANG....	Near outer end of break-water on southern side of channel.	46 33 25	61 2 25	F. red.....	D, 7..	24	6
542	MARGAREE HARBOUR.	On west side of mouth of Margaree River. Back range 215 feet S. by W. from front.	46 26 25	61 6 40	F. red.....	C...	75	10
543					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. On shore at McFayden's wharf about 2,000 feet from front light.	46 5 30	61 28 10	F. white.....	D, p..	30	9
548					F. red.....	D, p..	44	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, square, wood ..	27	1897	.....	} Should be kept in one till the Eastern harbour lights are brought into line.	534
White, square, wood ..	27	1897	.....		535
White, square, wood. Lantern red.	30	1890 changed 1894	.....	} These two lights, in range, lead in S. by W. $\frac{3}{4}$ W. through the dredged channel, which is marked by spar buoys on both sides, to anchorage in Eastern Harbour.	536
White, square, wood. Lantern red.	38	1890 changed 1894	.....		537
White, wood, square tower, surmounted by red iron lantern, with dwelling attached.	36	1872 rebuilt 1896	.....		538
White, square, wood ..	23	1901	.....	Visible from all points seawards ...	540
White, square, wood ..	22	1900	.....	} Lights visible in, and over a small arc on each side of, line of range. The lights in one bearing S. by W. lead into harbour at the mouth of Margaree River, clear of break-water, on S.W. side of the mouth.	542
White, square, wood ..	33	1900	.....		543
White, square, wood, with dwelling attached.	40	1854 rebuilt 1908	.....	To vessels in dangerous proximity to the Island the light may become obscured by the abrupt cliffs of the Island.	544
White, square, wood ..	33	1884 Tower 1908	.....	.....	547
White, square, wood ..	47	1884 Tower 1903	.....	.....	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 BOU CHE.	On S.W. shore of harbour.	45 41 0	61 31 15	F. white	C	36	9
557		473 yards S.W. $\frac{3}{4}$ S. from front light.			F. red	C	107	9
559	POMQUET ISLAND OR BAYFIELD.	N.E. end of Island, in St. George Bay.	45 39 40	61 44 30	F. red	C	50	9
561	CAPE GEORGE	On Cape, 1,434 feet N. 59° W. from Eachren Point and 832 feet S. 25° W. from shore.	45 52 40	61 53 30	Fl. white	D, 3..	360	26
					Group of 3 flashes every 7 $\frac{1}{2}$ seconds (flashes at intervals of 1 $\frac{1}{2}$ secs., followed by an eclipse of 4 $\frac{1}{2}$ secs.)			
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	D, 4..	52	12
					Flash 1 sec. Eclipse 4 secs.			
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	D, 7..	50	12
					{ F. red	C	23	6
568		Front range on N. side of entrance to Pictou Harbour.	45 41 28	62 40 20	F. red	C	38	7
569	FRASERS FARM...	Back range 468 feet N. 75° W. from front.			F. red	C	65	9
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. $\frac{1}{2}$ 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, octagonal wood; red circular metal lantern.	44	1861 re-built 1908	.....		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 $\frac{1}{2}$ mile E. of light.	565
White, octagonal, wood; red, polygonal iron lantern. White rectangular wooden dwelling.	49	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'lt 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 Mov'd 1909	.....	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 Mov'd 1909	.....	Vessels entering keep the Pictou Bar and Custom House lights in one, W. $\frac{1}{2}$ N., until reaching the alignment of the Frasers Farm range, which they should keep until the bar light is nearly abeam, whence a W. $\frac{1}{2}$ S. course will lead to safe anchorage in the harbour.	569
Red brick building....	72	1878	.....		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	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 on Fishing point.	45 52 30	63 40 20	F. red and white.	C	48	8
585	BIGLOW POINT	Front light on the point $\frac{1}{2}$ mile eastward of Biglow point.	45 51 30	63 40 46	F. white.	C		
586		Back light 1,750 feet S. 9° W. from front light.			F. white.	C		
587	STEVEN POINT	On shore $\frac{1}{2}$ mile northward of Steven point.	45 52 5	63 39 52	F. white.	C	31	2
588		Back light 1,700 feet S. 74° E. from front light.			F. white.	C	89	2
593	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, square, wood..	22	1909		} Lights visible in the line of range... Lights in one lead into Pugwash road to intersection of their alignment with that of Steven point range lights.	585
White, square, wood..	33	1909			586
White, square, wood..	22	1909		} Lights visible in the line of range... Lights in line lead up from intersection of their alignment with that of Biglow point range lights.	587
White, square, wood..	22	1909			588
White, with iron lantern red, square, wood.	36	1890			593

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	Fl. white..... Flash 22 secs. Eclipse 75 " Flash 22 " Eclipse 3 78 "	D, 4..	86	15
679	SOURIS EAST BREAK-WATER.	On block at outer end of breakwater.	46 20 50	62 15 0	In every 5'00 " F. red.....	D, 7..	40	7
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. white.....	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. $\frac{1}{4}$ 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; red circular metal lantern.	47	1880	.....	Visible from all points seaward	678
Red square steel skeleton tower, surmounted by white wooden watchroom and red square iron lantern.	41	1889 re-built 1907	.....	Should be visible from all points seaward and in the harbour.	679
White, square, wood; slatted beacon on top, with white diamond, remainder of face of beacon red.	13	1898	.....	.....	682
White, square, wood..	65	1898 mov'd 1901	.....	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.	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. White rectangular wooden fog alarm building.	50	1853 Fog alarm 1908	Diaphone, operated by compressed air, gives one blast of 5 secs. duration every 75 seconds.	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	.....	.....	689
White, square, wood..	46	1877 re-built 1890	.....	Maintained all the year round. The two in range lead in N. 57° W. in best water between Cardigan shoal and Panmure shoal.	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 GAS AND WHISTLING BUOY.	In 10 fathoms, south westward of rocks.	45 54 50	62 49 20	Occ. white	D, gas		
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 GAS AND WHISTLING BUOY.	In 5 fathoms, on western extreme of reefs.	46 3 22	63 5 22	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 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 Thrumcap 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 steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the whistle and lantern.	...	1890 Gas 1907	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 steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the whistle and lantern.	.....	1906 Gas 1907	Whistle sounded 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	ORWELL. { BRUSH WHARF RANGE.	On W. side of Brush Wharf.	.....	.....	F. green.....	C....	18	2
711		474 ft. E. $\frac{1}{4}$ 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	WARREN FARM...	Front light on the point on W. side of Charlottetown Harbour, $6\frac{1}{2}$ cables N. 14° W. from Blockhouse point light.	46 12 1	63 8 1	F. red.....	D, 7..	39	2
721		Back light 1,143 feet S. 41° W. from front light.	.....	.....	F. red ..	D, 7..	57	2
722	ST. PETERS ISLAND..	On S. side of island, Hillsborough Bay.	46 7 20	63 10 35	Occ. white, vis., 30 sec., eclipsed 6 secs.	D, 6..	70	14

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. $\frac{1}{2}$ 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° 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 red diamond on side facing alignment; 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 Canseau Point, whence the course up the harbour can be judged by the town lights.	719
White, square, wood..	30	1907	.....	Lights in one astern, bearing S. 41° W., lead up from the alignment of Brighton Beach range lights to the Charlottetown wharves.	720
White, square, wood..	30	1907	.....	.....	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 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.	
724	CRAPAUD HARBOUR.	West end of bridge, at head of harbour.	46 13 15	63 29 10	F. white.....	C.....	41	6	
725		LEARDS RANGE	Inner range light, about $\frac{1}{4}$ 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	In every 10 " F. white with green sector.	C...	48	13	
736		Railway wharf, Bedeque Bay.	46 23 30	63 47 6	F. red in line of range, white in harbour.	C.....	33	10	
737	SUMMERSIDE.....	Back range $\frac{3}{4}$ mile E. $\frac{1}{4}$ 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. $\frac{1}{4}$ N. until the red light on Palmers Wharf is in alignment with the front light of Leards range. These two in one will lead in from the black buoy at the entrance to the dredged cut, through the cut, to the wharves, N.N.E., but strangers entering at night are advised to anchor in the road at this last described turning point near the black buoy, as they will be in good anchorage inside the shelter of Tryon Shoals, while it is not safe to attempt the dredged cut at night.	725
Lantern on a mast rising from a square shed, painted white, surmounted by triangular slatted beacon.	11	1894			726
White, square, open-framed tower, slatted on side facing line of range. Lantern red.	27	1894			727
Lantern on mast.....	18	1894			728
Brown iron buoy with "Tryon shoal buoy" in white, surmounted by 10-inch whistle.		1892	Whistle sounded by action of the waves.	Left to starboard going up strait to North Westward. From the buoy Crapaud Chapel N. E. $\frac{1}{4}$ E. 5 $\frac{1}{4}$ miles, just open of range light on point and Carleton Point N.N.W. $\frac{1}{4}$ W., 9 $\frac{1}{2}$ miles just open of C. Traverse.	731
White, octagonal, wood, red, polygonal, iron lantern; white dwelling near by.	60	1863			734
White, octagonal, wood, on a circular stone pier.	42	1881		Green between E. by N. $\frac{1}{4}$ N. and E. S. E. over Miscouche Shoals only.	735
Square tower on roof of railway freight shed.	30	1856 re-built 1877			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 $\frac{1}{2}$ 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 WHISTLING BUOY.	In 13 fathoms, ¾ mile W. of middle of outer shoal.	46 40 30	64 30 25				
747		On outer end of S. breakwater, at entrance to pond.	46 53 10	64 14 0	F. red and white..	C and D, p.	17	6
	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.	748
White, octagonal, wood, surmounted by a red iron lantern, dwelling near by.	60	1866 ch'ged 1875			750

PRINCE EDWARD

NORTH-EAST COAST OR GULF

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
	EAST POINT.....	See above, No. 676.						
755	ST. PETERS.....	40 feet from outer end of break water.	46 26 40	62 44 50	F. white.....	C....	34	6
756		On sand beach, 1458 feet S. by W. from front light.			F. white.....	C....	32	6
759		Front light on Mc-Eachrens farm, on inner shore of harbour.	46 25 40	62 48 30	F. white.....	C....	22	5
	Savage Harbour.							
760	TRACADIE.....	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
764		Back tower 1,200 feet S.S.W. from front.			F. red.....	C....	24	8
767	COVE HEAD.....	Front light close to edge of sand beach at entrance to harbour.	46 26 10	63 8 45	F. white.....	C....	18	3
768		Back light, 600 feet from front.			F. white.....	C....	25	3
770		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	CAPE TRYON.....	Main light on beach 1,500 feet S. W. of front range light.			F. red.....	C....	45	7
777		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	.....	Range lights, to lead into harbour. The inner one is liable to be moved to suit shifting of the channel. Not more than 9 feet on bar, in line of range. Buoys indicate best channel.	755
White, square, wood..	33	buildings erected 1879	.....		756
Mast, with brown shed at base.	20	1884	.....		759
Mast, with brown shed at base.	25	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.	760
Brown, square, open framework; lantern white.	22	1876 mov'd 1890	.....	In one, lead in about S.W. by W. past the buoys, leaving the buoy outside bar on starboard, buoy inside bar on port hand.	763
White, square, wood..	26	1876 mov'd 1894	.....	Not more than 5 feet water on bar. Position of both towers liable to be changed to suit shifting of the channel.	764
Lantern on mast	17	1879	.....	Back light liable to be moved to suit changes in the channel. Only 4 feet water on bar. Visible from all points of approach.	767
Lantern on mast.....	27	1879	.....		768
Lantern on mast	20	1884	.....	The two red lights in one bearing S.W. by W. $\frac{3}{4}$ W. lead over bar outside mouth of harbour in best water and clear of breakwater.	770
Lantern on mast.....	38	1899	.....		771
White, square, wood, with dwelling 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.	774
White, square, wood, with dwelling attached. Iron lantern brown.	35	1876	.....	Outer range light liable to be moved to suit shifting of the channel. Strangers should take a pilot to enter.	776
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, $6\frac{1}{2}$ cables south-eastwardly from C. Aylesbury.	46 34 0	63 39 0	F. red	C.....	40	7
780		1,341 feet S. W. by S. from front light.			F. red	C.....	65	7
783	FISH ISLAND.....	Entrance to Malpeque or Richmond Bay on inside of island.	46 34 50	63 42 29	F. white.....	C.....	50	12
784		Front range, 1,200 feet S.E. by E. $\frac{1}{2}$ E. from main light.	46 34 52	63 42 17	F. white.....	C.....	18	6
787	DARNLEY BASIN...	Front range, W. side of Darnley Basin.	46 33 5	63 41 8	F. green.....	C.....	55	3
788		Back range, 380 feet S. by W. from front light.			F. green	C.....	64	3
791	LITTLE CHANNEL...	On Conway Inlet, N. side.	46 40 0	63 52 40	F. white.....	C.....	26	10
792		Front range, 200 feet from main light*.			F. white.....	C.....	16	8
795	CASCUMPEQUE.....	Main light on inner face of sand hills on S. side of entrance.	46 48 18	64 1 42	F. white.....	C.....	48	12
796	SANDY ISLAND RANGE	Front range on eastern edge of island, N. side of entrance.	46 47 45	64 1 50	F. white.....	C.....	20	9
797		Back range, 364 feet W. by N. $\frac{1}{2}$ N. from front light.			F. white.....	C.....	24	10

ISLAND—Continued.

LAWRENCE SIDE—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, open frame tower, slatted facing line of range.	25	1889	.....	Visible over an arc of 22½° on each side of alignment, and also north-westwardly along the north bar. Alignment leads to black can buoy at Eastern Passage over bar at entrance to Malpeque Harbour. Vessels entering keep the alignment until they bring the Fish Island lights in one.	779
Similar to front building.	25	1889	.....		780
White, square, wood, with dwelling attached.	46	1856 re-built 1876	.....	The main light is a sea light. The smaller one, in range with it, shows the channel over the bar, with 15 feet, and ranging with the fairway buoy inside the bar, whence the channel is marked by the harbour buoys. There is a 13-foot spot between the Eastern Passage buoy and the fairway buoys.	783
White, open framework, surmounted by square galvanized lantern.	22	1876	.....		784
Open framework, lantern white.	15	1897	.....	Strangers should not attempt the entrance.	787
Open framework, lantern white.	21	1897	.....		788
White, square, wood, with kitchen attached.	30	1872 re-built 1876	.....	In one, lead through channel with 5 feet at entrance to harbour. There is a ballast heap in the alignment at the point of the S. sand hill, to pass this the front light must be opened to N. Outer light liable to be moved to suit changes in the channel.	791
Open framework, lantern white.	20	1876	.....		792
White, square, wood, with dwelling attached.	46	1856 mov'd 1899	.....	Coast light. Visible from all points of approach by water. To enter vessels should bring the main light to bear W. ½ N. and run in until range lights are in one. Keep this range in one until red lights at Northport are in one. This course will give 11 feet water over the bar.	795
White, square, wood..	22	1897 mov'd 1901	.....		796
White, square, open frame tower, with slat-work 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 breakwaters. The outer light also shows end of pier, and is for convenience of small vessels only.	804
Lantern on a mast, with white shed at base.	14	1883	.....		805

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 537 and preceding numbers. do on Bay of Fundy coast of New Brunswick, see 130 and preceding numbers.						
812	FORT MONCKTON ...	On the point $\frac{1}{2}$ mile south of Gaspereau river.	46 2 38	64 3 55	F. white	D, 7.	39	11
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		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
	CAPE TORMENTINE PIER.							
817		Back light on shore near inner end of pier, 2,620 feet S. 85° W. from front light.			F. white	D, 7.	46	12
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		On northernmost part of Pte. du Chêne.	46 14 43	64 30 48	F. red	C	32	7
823	SHEDIAC NORTH CHANNEL.	602 ft. S.W. by S. from front light.			F. red	D, p.	43	8
824		Front light on E. shore, near S. end of island.	46 15 32	64 31 57	F. white	C	36	11
	SHEDIAC ISLAND..							
825		Back light about 619 feet W. by N. $\frac{3}{8}$ N. from front.			F. white	C	52	12
826		On N. W. corner of Pointe du Chêne Government breakwater.	46 14 39	64 31 41	F. white	D, 7.	32	6
827	SHEDIAC HARBOUR	Near extremity of south railway wharf, 621 feet S.W. $\frac{3}{8}$ 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.
White, square, wood; on cribwork foundation.	33	1908	.....	Visible from all points of approach by water.	812
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.	Lights visible from all points of approach.	816
White, square, wood..	32	1901 Tower 1907	.....	The lights in one bearing S. 87° W. lead in to the pier head clear of S. end of Jourmain 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 built 1895	.....	Range lights. The alignment should be kept until the wharf range lights are brought in one.	825
On iron mast, with shed at the base.	29	1860	.....	.....	826
On iron mast, with shed at the base.	37	1860	.....	Alignment gives middle of channel from intersection with Shediac Island range to the wharves.	827

NEW BRUNSWICK

GULF OF ST.

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	COCAGNE	Front light on S. side of mouth of Cocagne River, eastward of bridge.	46 20 18	64 36 52	F. red.....	D, 6..	26	6
833		Back light on shore of Cocagne River, 865 ft. S. 62° W. from front.			F. red.....	D, 7..	47	8
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		Front light, close to shore road on Indian or Church Point.	46 29 35	64 40 30	F. white.....	C	23	9
838	BUCTOUCHE INNER RANGE.	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. 49° E. from front light of Bar Range.	46 43 30	64 45 7				
843	BAR RANGE...	Front light on N. side of S. beach at entrance.	46 42 34	64 45 46	F. white.....	D, 7..	35	11
844		Back light, 333 feet S. 49° W. from front light.			F. white.....	D, 7..	46	12
844 $\frac{1}{2}$		Front light on north beach, on breakwater, 1,150 feet westward of its outer end.	46 43 8	64 47 42	F. white	D, p..	28	10
844 $\frac{3}{4}$	NORTH BEACH	Back light 300 feet N. 52° W. from front light.			F. white.....	D, p..	44	12
845	CHANNEL RANGE.	On western end of south beach.	46 42 45	64 47 48	F. red.....	D, 7..	30	7
846		Back light 300 feet N. 74° W. from front.			F. red.....	D, 7..	36	7

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
White, square, wood..	28	1907		Front light visible from all points of approach by water.	832
Lantern on a pole, with diamond-shaped day-mark attached.	1907			Lights in one, bearing S. 62° W., lead in from Northumberland Strait to the anchorage ground, and thence across the bay to the approach to Cocagne bridge.	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.	837
White, square, wood, with red roof.	23	1883		Lead into harbour through deepest channel clear of all obstructions, from line of range of Dixon Point lights to where channel turns abruptly to westward to enter Buctouche River.	838
White, square, wood..	50	1864			842
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 up from the bell buoy at the entrance of the channel until the north beach range lights come in line; the alignment of the north beach range lights is then followed until the channel range lights come in line, which latter lead up to the first black buoy. 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 ....	.....	1908			844½
Lantern on a mast ...	.....	1908			844½
Lantern on a mast, with white shed at base.	30	1901			845
Lantern on a mast, with white shed at base.	35	1901		846	

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.
847	BLACK LANDS GULLY.	Front light on S. end of N. beach.	46 45 21	64 50 38	F. white.....	D, p..	29	10
848		Back light, 137 feet N. W. from front light.			F. white.....	D, p..	42	11
849	BAR RANGE...	Front light on east side of south beach.	46 50 35	64 54 25	F. white	D, 7..	20	9
850		Back light 250 feet N. 44 $\frac{1}{2}$ ° W. from front light.			F. white.....	D, 7..	29	10
851	CHANNEL RANGE.	Front light on north beach near its south end.	46 51 5	64 54 38	F. red.....	D, 7..	18	6
852		Back light 685 feet N. 3° W. from front light			F. red.....	D, 7..	28	7
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. $\frac{5}{8}$ E. from front light.			F. white.....	D, p..	58	10
861	SWASHWAY RANGE.	Front light on E. shore of Fox Island, 1 $\frac{1}{2}$ miles from S. end.	47 6 46	64 59 50	F. white.....	C.....	47	12
862		1,220 feet W. by N. $\frac{1}{2}$ 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

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 white mast, with white shed at base.	26	1903	.....	Fishing lights. Lights visible from all points of approach by water. Fishing boats entering gully must keep S. of red cask buoy and keep range lights well open on their starboard bow, steering N. 79° W. until they have passed the most outwardly red spar, thence the lights in one lead up to the gully.	847
Lantern on white mast, with white shed at base.	37	1903	.....		848
Lantern on a pole, with white shed at base.	15	1908	.....		849
Lantern on a pole, with white shed at base.	25	1908	.....	The Bar range lights (white) in one, bearing N. 44½ W., lead over the shifting bar, and their alignment is to be followed until the channel range lights (red) come into line. This latter line will lead in until close to the north beach, from which point the entrance to the harbour is easy.	850
Lantern on a pole, with white shed at base.	15	1908	.....		851
Lantern on a pole, with white shed at base.	25	1908	.....		852
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. White wooden fog alarm building, with high brick chimney.	69	1841	Diaphone, operated by compressed air, gives blasts of 4 seconds, with intervals of 37 seconds.	Fog alarm building 240 feet N.N. W. of lighthouse.	856
White, square, wood, lantern red.	29	1869 towers erected 1898	.....	Lights in line lead vessels entering Miramichi Bay from the Bar buoy up through the ship channel east of the Lump buoy.	858
Red, steel skeleton tower, enclosed upper part white, lantern red.	59		.....		859
White, skeleton, slatted on seaward face, wood.	46	1872 changed 1891	.....	The alignment W. by N. ¼ N. leads from the deep water of the outer bay through the Swashway to the buoys in the ship channel, with nowhere less than 2¾ 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. ¼ N. into the Horse-shoe Channel. Nos. 1 and 3, in line, range N.E. by E. ¼ E. through Portage Island Channel.	863
Lantern on white mast, with white shed at base. White daymark attached to mast.	38	moved 1881		Nos. 2 and 3, in line, range W. by N. ¼ N. to the upper buoy of Horseshoe Shoal.	864

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.
865		No. 3, 954 feet S.W. by W. $\frac{1}{2}$ W. from No. 1.	47 7 52	65 2 15	F. white.....	D, 7..	36	8
866	HORSESHOE BAR EAST GAS BUOY.	In $3\frac{1}{2}$ fathoms, $\frac{3}{4}$ mile N. $83\frac{1}{2}^{\circ}$ E. of Miramichi Bay lightship.	47 8 32	65 3 9	Occ. white.....	D, gas		
867 $\frac{1}{2}$	PORTAGE ISLAND.	Front light on southern end of island.	47 9 43	65 2 25	F. white.....	D, 7..	31	7
867		Near S. point of Island 874 feet N. 27° W. from front light.	47 9 45	65 2 38	Occ. white..... Visible 7 secs. Eclipsed 2 secs.	D, 4..	45	12
868	HORSESHOE BAR WEST GAS BUOY.	In $3\frac{1}{2}$ fathoms, $\frac{1}{4}$ mile N. $79\frac{1}{2}^{\circ}$ 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
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

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 white mast, with white shed at base. White daymark attached to mast.	28	1881	.....	} Lights in one, bearing N. 27° W., lead from the intersection of their alignment with that of the Swashway range lights up to the Spit buoy at eastern extreme of Spit shoal, northern end of Fox island.	865
Red steel cylindrical buoy, surmounted by a pyramidal steel frame supporting a lantern.	...	1906	.....		866
Lantern on a pole.....	27	1908	.....	} Lights in one, bearing N. 27° W., lead from the intersection of their alignment with that of the Swashway range lights up to the Spit buoy at eastern extreme of Spit shoal, northern end of Fox island.	867½
White, square, wood, red octagonal iron lantern, 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
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

NEW BRUNSWICK

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.
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	$\frac{3}{4}$ 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. $\frac{3}{4}$ N. from front light.			F. white.....	D, p..	30	11
890	LOWER NEGUAC WHARF.	On public wharf, about 60 ft. from its end.	47 15 40	65 2 35	F. red... ..	D, p..	28	8
891		On the beach, 1,080 ft. N. N. W. $\frac{1}{4}$ W. from front light.			F. white.....	C....	32	10
892		On N. E. side of gully..	47 14 40	65 0 22	F. red.....	C....	26	7
893	NEGUAC	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	NORTH TRACADIE.	Front light on sands, 161 feet S. 43° E. from back light.			F. white	D, p..	20	4
898		Back light on sand flat on N. side of gully.	47 33 17	64 51 25	F. white.....	D, f..	41	11
901	POKEMOUCHE	On beach, N. side of gully.	47 40 10	64 46 0	F. green.....	C....	35	8
905	SHIPPIGAN GULLY.	Front light on west breakwater, near its outer end, southern entrance to Shippigan Gully.	47 43 21	64 39 15	F. white.....	D, 7..	20	9
906		Back light near eastern end of west beach, 1,775 feet N. 5° E. from front light.			F. white.....	D, 7..	33	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 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	.....	} 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	1905 1881	.....		888
Lantern on mast, with white shed at base.	25	1892	.....	} Alignment guides over the bars inside Neguac gully. Outer light leads to wharf.	890
White, square, wood, lantern red.	33	1892	.....		891
Lantern on mast, with white shed at base.	25	1873 re-built 1896	.....		892
White, square, wood, lantern roof red.	30	1873 reb't 1893	.....	} Alignment guides to a black can buoy, which is the outermost of the buoys marking the gully.	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. Back light visible from all points of approach by water. Lights in one, bearing N. 48° W., lead to red can buoy on outside of bar, and should be kept on until red can buoy at mouth of gully is made, thence the tortuous channel up to "the block" is marked by buoys and stakes. Mariners must have local knowledge to use this range.	897
White, square, wood; red octagonal iron lantern.	34	1875 mov'd 1896	.....		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, white.	.....	1889 mov-ed 1908	.....	} Lights visible in the line of range .. Lights in one, bearing N. 5° E., lead up to the entrance to Shippigan Gully, between the breakwaters. When entering the front light should be left on the port hand at a distance of 50 to 100 feet.	905
Lantern on a mast, with small shed at base, white.	4	1889 mov-ed 1908	.....		906

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.
907	BIG SHIPPIGAN.....	On the sand bar, E. side of S. entrance to Shippigan Gully.	47 43 35	64 38 56	Fl. white..... Flash every 5 seconds.	D, 3..	54	12
910	MISCOU GULLY.....	On N. side of E. entrance to Little Shippigan.	47 55 5	64 29 30	F. white.....	D, 7..	54	11
911	MISCOU ISLAND.....	Birch Point.....	48 1 0	64 29 25	Fl. white..... Flash 5 sec. Eclipse 1'0 " Flash 5 " Eclipse 5.5 " In every 7'5 "	D, 3..	82	14
914	GOOSE LAKE....	W. side of Miscou Island.	47 55 40	64 35 40	Rev. white, every minute.	C....	40	10
915	HARPER POINT..	At western entrance to Little Shippigan.	47 54 0	64 35 0	F. white	D, 7..	48	12
918	POKESUDIE	N.E. point of island..	47 49 10	64 44 40	F. white.	D, 7..	41	11
920	CHALEUR BAY. 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
921½		CARAQUET HARBOUR EAST GAS BUOY.	1.45 mile S. 25° E. from Caraquet island light-house.	47 48 40	64 52 10	Occ. white.....	D, gas	
921¾	CARAQUET HARBOUR WEST GAS BUOY.	1.15 mile S. from Caraquet island light-house.	47 48 35	64 53 9	Occ. white.....	D, gas		
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

WICK—Continued.

LAWRENCE—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, octagonal, wood, on square cribwork foundation; red circular metal lantern.	54	1872 re-mov'd 1880 reb'lt 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; red circular metal lantern.	80	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
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.	920
White, square, wood..	45	1903	.....	Alignment should be taken at red buoy at junction of Caraquet and Shippigan channels, and kept until black buoy 1½ miles outside front light is abeam, whence course up the harbour is N. 89° W.	921
Red steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.	.....	1906	.....	.....	921½
Black steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.	.....	1908	.....	.....	921½
White, square tower on dwelling.	43	1870	.....	.....	922
White, square, wood..	37	1885	.....	.....	924

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.
928	BELLONI POINT.	On E. side entrance to Bathurst Harbour.	47 40 21	65 33 18	F. white.....	D, 7..	30	10
930		On Caron Point.	47 39 20	65 36 40	F. white.....	D, 7..	31	10
931	BATHURST.....	360 feet N. 51½° E. from front light.	.....	.....	F. red.....	C.....	43	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, varied by white flashes	D, 4..	62	13
938	HERON ISLAND..	Chaleur Bay.....	48 0 0	66 8 0	F. white.....	D, 5..	69	14
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	LANIM POINT GAS BUOY.	In 4 fathoms, off Lanim Point.	48 4 42	66.27 24	F. white.....	D, gas.....	.....	.....
947		Pier beside railway wharf, Restigouche River.	48 0 50	66 39 55	F. red.....	C.....	26	9
948	CAMPBELLTON RANGE LIGHTS	On cribwork block on Kilgour Shives wharf, 1,238 ft., S. 83° 30' W. from front light.	.....	.....	F. red.....	C.....	39	9

WICK—*Concluded.*

LAWRENCE—*Continued.*

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, 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't 1878	.....		931
White, square, wood..	31	1879	.....		935
White, octagonal, wood; red circular metal lantern.	55	1884 Tower 1907	.....	Visible from all points of approach by water.	936
White, square, wood; red octagonal iron lantern.	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.....	946
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.
960	TRAVERSE GAS BUOY.	In 3 fathoms, off Oak Bay.	48 1 32	66 37 50	Occ. white.....	D, gas.....		
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 20 feet, eastward of the point.	48 2 33	66 35 42	Occ. white.....	D, gas.....		
962½	BUSTEED GAS BUOY.	In 4 fathoms, off Busteed Cove.	48 3 4	66 33 14	Occ. white.....	D, gas.....		
963	GARDE POINT LIGHT-BOAT.	Off Garde Point, Restigouche River.	48 3 24	66 31 65	F. white.....	D, p..	18	8
963½	GARDE POINT GAS BUOY.	In 4 fathoms, east of the point.	48 3 42	66 30 53	Occ. white.....	D, gas.....		
963¾	SCAUMENAC GAS BUOY.	In 26 feet, off the point.	48 4 24	66 29 11	Occ. white.....	D, gas.....		
963½	CARLETON WHARF.	On wharf, near its outer end.	48 6 22	66 7 41	F. red.....	D, 6..	20	6
964	CARLETON.....	On Tracadigash Point.	48 5 15	66 7 0	F. white.....	C.....	32	12
964½	NEW RICHMOND WHARF.	On outer end of wharf..	48 9 55	65 51 30	F. red.....	D, 7..	22	6
965	NEW RICHMOND.	On Duthie Point	48 10 20	65 53 45	F. white.....	D, 7..	50	12
965½	ST. CHARLES DE CAPLAN.	On outer end of wharf..	48 6 17	65 40 35	F. red.....	D, 7..	23	6

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.
Red steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.	.....	1907	.....	.....	960
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 3/4 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	.....		962 1/2
Red steel cylindrical buoy, surmounted by a pyramidal steel frame supporting a lantern.	.....	1907	.....	.....	962 1/2
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	.....	.....	963 1/2
Red steel cylindrical buoy, surmounted by a pyramidal steel frame supporting a lantern.	.....	1906	.....	.....	963 1/2
White, square, wood; lantern roof red.	21	1907	.....	Visible from all points of approach by water.	963 1/2
White, wood	28	1872	Hand horn answers signals from vessels.	.....	964
Lantern on a pole.....	20	1909	.....	Visible from all points of approach by water.	964 1/2
White, square, wood ..	33	1904	.....	Visible from all points of approach by water.	965
Lantern on a pole.....	20	1909	.....	Visible from all points of approach by water.	965 1/2

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.
965½	LITTLE BONAVENTURE.	½ mile eastward of Little Bonaventure river.	48 4 22	65 34 30	F. red.....	D, 7.	24	6
965½	BONAVENTURE RIVER.	Light to be established.						
966	BONAVENTURE POINT.	On extremity of point.	48 0 28	65 26 34	F. white.....	D, 7.		
967	NEW CARLISLE..	On outer end of wharf..	48 0 41	65 18 9	F. red		32	2
968	PASPEBIAC.	330 feet N. from S. extremity of Spit.	48 1 2	65 14 20	F. white.....	C.....	50	12
968½	ST, GODFROY ...	On outer end of wharf..	48 4 28	65 6 15	F. red	D, 7.	28	7
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	MACQUEBEAU 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
979½	PERCÉ WHARF.....	On outer end of Laurier wharf at the north beach.	48 32 10	64 12 12	F. red.....	D, 7.	25	6
980	BARACHOIS DE MALBAIE.	N. side of entrance ...	48 37 19	64 16 0	F. red.....	C.....	70	4
981	POINT PETER.....	On Flat Rock, or Plateau, off the Point.	48 37 50	64 9 0	Rev. red, 30 secs..	C.....	77	10

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.
Lantern on a pole.....	20	1908	.....	Visible from all points of approach by water.	965½
.....	.....	.....	.....	.....	965½
White, square, wood ; red, octagonal, iron lantern.	34	1907	.....	Visible from all points of approach by water.	966
Lantern on a mast at S. side of freight shed.	25	1903	.....	.....	967
White, square, wood, with dwelling near by.	54	1870 re-built 1881	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
Lantern on a pole.	20	1909	.....	Visible from all points of approach by water.	968½
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 metal 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 pole.....	20	1909	.....	Visible from all points of approach by water.	979½
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

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.
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.						

NEWFOUNDLAND

The following 11 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	STRAIT OF BELLE ISLE.	Summit of extreme S. point of Island.	51 52 53	55 21 49	Occ. white..... Visible 5 secs. Eclipsed 5 " Visible from about S. 34° E. through E. and N. to N. 83° W.	D, 1..	470	28
997		BELLE ISLE... 333 feet below the main light.			Occ. white..... Visible 5 secs. Eclipsed 5 "	D, 2..	124	17
999		CAPE BAULD ... Northernmost point of Newfoundland.	51 38 41	55 25 3	Fl. white..... Flash 0'56 secs. Eclipse 1'94 " Flash 0'56 " Eclipse 1'94 " In every 15'00 "	D, 2..	187	20

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.
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

AND LABRADOR.

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. Should the fog alarm become disabled, cotton powder bombs will be exploded temporarily every 10 minutes, and every 5 minutes when vessels' signals are heard in dangerous proximity. Marine telegraph and signal and ice report station. Wireless telegraph station. Depot of provisions for shipwrecked mariners. In fog, lower light may be visible when high obscured, or <i>vice versa</i> .	996 997
White circular metal lantern with red roof; on masonry foundation.	23	1880 re-built 1908			
Brown cylindrical iron tower; white circular metal lantern with red roof. White rectangular wooden fog alarm building with red roof.	63	1884 re-built 1908	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, 90 feet above water, projects from N. side of fog alarm building, and points N. 45° E.	999

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.
1000	CAPE NORMAN.	On the cliff, about $\frac{3}{4}$ mile from extreme point.	51 38	7 55 54 6	Fl. white; group of 3 flashes every 30 secs. (flashes at intervals of 6 secs., followed by an eclipse of $17\frac{1}{2}$ secs.)	D, 3..	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 $2\frac{1}{4}$ seconds.	D, 2..	116	16
1010	RICH POINT.....	W. coast of Newfoundland.	50 42	0 57 24 30	Fl. white Flash 25 sec. Eclipse 75 " Flash 25 " Eclipse 75 " In every 5'00 "	D, 3..	96	15
1012	CAPE ANGUILLE	North of Shoal point and 1 mile southward of Cape Anguille.	47 53	51 59 24 36	Fl. white Flash 52 sec. Eclipse 1'36 " Flash 52 " Eclipse 7'60 " In every 10'00 "	D, 3..	115	16
13	CAPE RAY.....	On W. side of Cape, 650 feet from the shore.	47 37	0 59 18 0	Fl. white Group of 3 flashes every 15 seconds (flashes at intervals of 3 seconds followed by an eclipse of 9 secs.)	D, 1..	135	17

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 cylindrical iron tower, white circular metal lantern with red roof. Fog-horn building rectangular, wood, white, with red roof.	55	1871 re-built 1907 Fog-alarm, 1890	Diaphone, operated by compressed air, gives a blast of 7 seconds every 35 seconds.	Visible from all points of approach seaward. 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 metal lantern. Fog alarm building white, rectangular, wood, roof red.	86	1878	Diaphone, operated by compressed air, gives a blast 5 seconds every minute.	Visible from all points of approach. Fog alarm building 695 feet S. 20° 20' E. from lighthouse.	1006
White, octagonal, wood, with red circular metal lantern, white dwelling behind.	64	1871 re-built 1892	.....	Visible from all points seaward. Wireless telegraph station.	1010
Octagonal reinforced concrete tower; red circular metal lantern. White rectangular wooden fog alarm building with high brick chimney and red roof. White rectangular wooden double dwelling with red hip roof.	97	1908	Diaphone, operated by compressed air, gives 2 blasts of 3½ seconds duration each every 90 secs., thus: blast 3½ secs.; silent 5 secs.; blast 3½ secs.; silent interval 78 secs.	Visible from all points of approach by water. Fog alarm building 208 feet S. 21° W. from lighthouse. Dwelling is 288 feet S. 25° E. from lighthouse.	1012
White, octagonal, wood, red circular metal lantern, white dwelling and outbuildings, with red roofs, near by. White rectangular wooden fog alarm building, with high brick chimney, roof red.	82	1871 re-built 1885 Horn 1872	Diaphone, operated by compressed air, gives a blast of 5 seconds duration every minute.	Visible from all points of approach by water. Horn at the shore. Marine telegraph and signal and ice report station. Wireless telegraph station.	1013

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.
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 10	Fl. white with red sector; intervals of 5 seconds.	D, 1..	154	18
	GALANTRY HEAD	S. extremity of St. Pierre.	46 45 42	56 9 44	Gp. Fl. White flash 5 secs. Eclipse 15 " White flash 5 " Eclipse 15 " Red flash 5 " Eclipse 15 "	D, 2..	210	18
	LAMALIN HARBOUR.	S.E. Point of Allan Island.	46 51 0	55 48 0	F. white	D, 8..	64	8
	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

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, 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	1886	.....	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	1883	.....	French light.....	
Black and white bands	127	1881	Compressed air siren gives 2 blasts of 4 secs. duration each every minute, thus: blast 4 secs., silent 4 secs., blast 4 secs., silent interval 48 secs.	do Red sector over Seal rocks	
Semicircular tower against square dwelling.	38	1862	Whistle sounds for six seconds with intervals of one minute.	do ..	
Octagonal wood, alternate red and white sides.	36	1879	.....	Under Newfoundland Government.	
Circular tower on dwelling.	25	1858	.....	do do	..
Circular, iron, red.....	40	1860	.....	do do	..
Circular with red and white horizontal bands	56	1851	.....	Under Newfoundland Government.	

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.
1020	CAPE RACE.....	On the Cape.....	46 39 24	53 4 17	Fl. white..... Flash every 5 secs.	D, 1, hyper-radial.	165	19
	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, 30 seconds.	D, 1..	118	17
1029	MAGDALEN ISLANDS.	BIRD ROCKS....	On summit of Great Bird Rock.	47 50 40	61 8 20	Occ. white, visible 15 seconds eclipsed 5 seconds.	D, 2..	152	18
1030		BRION 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
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
1031		ALRIGHT REEF BELL BUOY.	Eastward of reef, $4\frac{1}{2}$ miles S. 83° E. from Cape Alright.	47 26 12	61 39 50	.....	.....	.....	.....
1032		ETANG DU NORD	W. side of Grindstone Island.	47 23 20	61 57 30	Rev. white, 1 $\frac{1}{2}$ minutes.	C.....	97	15

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.
Red and white in broad vertical stripes, cylindrical reinforced concrete tower behind the old tower; red circular metal lantern. Old tower striped red and white vertically, cylindrical iron, with white wooden dwelling with red roof attached.	100	1856 New tower 1907 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 from all points of approach by water. Fog alarm building with high brick chimney, about 250 feet S. of old 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. Marine telegraph and signal 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. Light is kept in operation as long as traffic is open, without reference to fixed dates.	1024
Brown, wood, whistle about 137 feet above water.	.....	.....	Steam whistle sounds for 5 seconds in each minute.	(Establishments on this island are under the Nova Scotia Agency.) Marine telegraph and ice report station at main establishment on island. Lifeboat at Atlantic Cove, east side of island; and lifeboat at Trinity Cove, west side of island.	1025
White, octagonal, wood	40	1831	.....	Obscured on bearings from S.S.E. to W. $\frac{1}{2}$ N. Light is kept in operation throughout the year.	1026
White, hexagonal, wood, on white hexagonal concrete base, white dwelling near tower. White square wooden fog alarm building with red roof.	51	1870 re-built 1887 Diaphone 1907	Diaphone, operated by compressed air, gives one blast of 5 seconds duration every 2 minutes.	Horn is elevated 150 feet above high water mark and points N. 61° E. Should the fog alarm become disabled, cotton powder bombs will be exploded every 10 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 metal 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
Lantern on a pole, with white shed at base.	30	1900	.....	.....	1031
Red iron buoy, with "Alright Rock" in white letters on the deck, surmounted by a bell.	.....	1907	Bell rung by motion of buoy on the waves.	.....	1031 $\frac{1}{2}$
White, square, wood..	42	1874	.....	.....	1032

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.
1034	AMHERST ISLAND	S. point of Island	47 13	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	Occ. white Visible 4 secs. Eclipsed 6 secs.	D, 4 . . .	277	23
1037	ENTRY ISLAND WHISTLING BUOY.	$\frac{1}{2}$ mile S. 63° E. from eastern extreme of island.	47 17 10	61 39 8	.....	.....	.....	.....
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	Fl. white Flash 0' 21 sec. Eclipse 7' 29 secs.	D, 1 . . .	130	17
1042	BAGOT BLUFF	$\frac{3}{4}$ 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
1046		Front light on outer end of pier.	49 4 41	64 21 51	F. white	D, 4 . . .	35	11
1047	ELLIS BAY	Back light at bottom of bay, 5,000 feet N. 10° E. from front light.	.....	.....	F. white	D, 4 . . .	79	14

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.
White, hexagonal, wood	54	1871	.....	Visible over an arc of 198° from W. by N. $\frac{1}{2}$ N. round through N. to S. E. $\frac{1}{4}$ 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
Black iron buoy, with "Entry Island" in white letters, surmounted by a 10-inch whistle.	.....	1907	Whistle sounded by motion of buoy on the waves.	.....	1037
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 4½ 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; red circular metal lantern.	133	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. 50° W. to S. 75° 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
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 for his own use and are only occasionally shown.	1047

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.
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
1052	ESQUIMAUX POINT.	Front light at Esquimaux point.	50 14 45	63 35 30	F. red.....		38	7
1053		Back light 477 feet N. 12° E. from front light.			F. red.....		58	7
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
1056	MAGPIE BAY.....	Front light in Rambler cove, Magpie village, 1½ miles westward of W. side of mouth of Magpie river.	50 18 36	64 30 16	F. red.....		58	9
1057		Back light 280 feet N. 28° W. from front light.			F. red.....		113	9

QUEBEC—Continued.

OF ST. LAWRENCE—Concluded.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, with 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
Lantern on a pole. ....	.....	1907	.....	.....	1052
Lantern on a pole. ....	.....	1907	.....	Lights in one bearing N. 12° E., lead in through Walrus Channel to Esquimaux Harbour.	1053
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
Lantern on a pole, with white diamond-shaped slatwork day-mark attached; shed at base.	.....	1907	.....	.....	1056
Lantern on a pole, with white irregular shaped slatwork day-mark attached; shed at base.	.....	1907	.....	Lights in one, bearing N. 23° W., lead into anchorage in Rambler cove.	1057

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	GRIFFIN COVE.....	Front light on shore...	48 56 44	64 18 14	F. red.....	C.....		5
		Back light bears W. from front.			F. red.....	C.....		5
1060	GREAT FOX RIVER	Front light on shore...	49 0 26	64 23 31	F. red.....	C.....		5
		Back light bears S. 67 $\frac{1}{2}$ ° W. from front.			F. red.....	C.....		5
1061	FAME POINT.....	County of Gaspé, South Coast.	49 6 48	64 36 20	Fl. white..... Flash 43 secs. Eclipse 1.82 " Flash 43 " Eclipse 7.32 " In every 10'00 "	D, 1..	190	20
1062	CHLORYDORME.....	Front light on shore...	49 10 39	64 49 52	F. red.....	C.....		5
		Back light bears S. 45° W. from front.			F. red.....	C.....		5
1062 $\frac{1}{2}$	GRANDE VALLÉE	Front light on shore...	49 13 58	65 9 15	F. red.....	C.....		5
		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 cylindrical iron tower; red circular metal lantern. Fog alarm building, red, rectangular, wooden.	49	1880 re-built 1907 Fog alarm 1902	Diaphone, operated by compressed air, gives one blast of 4 seconds' duration every minute.	Visible from all points of approach by water. Marine telegraph and signal station. Wireless telegraph station. 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	Fl. white. Group of 3 flashes every 30 secs. (flashes at intervals of 6 secs., followed by an eclipse of 17½ secs.)	D, 3..	146	18
1064		Front light on shore...	49 14 17	65 43 20	F. red.....	C.....		5
	MONT LOUIS.....	Back light bears S. 22½° W. from front.			F. red.....	C.....		5
1065	RIVIÈRE À LA MARTRE.	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 eclipse 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		Front light on shore...	49 8 16	66 29 58	F. red.....	C.....		5
	STE. ANNE DES MONTS.	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.
Cylindrical reinforced concrete tower; white circular metal lantern with red roof. White rectangular wooden fog alarm building with red roof.	55	1871 Fog-alarm 1892	Diaphone, operated by compressed air, gives one blast of 3 seconds duration every 30 seconds.	Marine telegraph and signal station. Fog alarm building stands to the westward of lighthouse.	1063
Lantern on white mast, with white diamond-shaped slatwork day-mark attached.	15	1905	.....	Lights visible in the line of range.	1064
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 reb'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.	1065
White, with a red horizontal band, square, wood, with dwelling attached. White rectangular wooden fog alarm building with red roof.	39	1870 re- built 1875 Dia- phone 1907	Diaphone, operated by compressed air, gives one blast of 5 secs. duration every 90 secs.	Horn, elevated 184 feet above high water mark, projects from the southerly gable of the building and points S. 12° E.	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	Fl. white..... Flash 5 secs. Eclipse 1'0 " Flash 5 " Eclipse 5'5 " In every 7'0 "	D, 3..	85	15
1086	LITTLE METIS.	On Metis Point..	48 41 0	68 2 20	Fl. white..... Group of 3 flashes every 7½ seconds (flashes at intervals of 1½ sec., followed by an eclipse of 4½ secs.)	D, 3..	69	14
1087	ST. PANCRAS POINT..	On extremity of point, E. side of English Bay.	49 15 30	68 5 10	F. white.....	D, 5..	82	14
1088	MANIKUAGAN SHOAL WHISTLING BUOY, No. 22B.	In 34½ fathoms, ¾ mile off shoal.	49 3 45	68 9 0	.....	.....	.....	.....
1090	BERSIMIS RIVER. . .	On beach on N. shore of river, inside mouth.	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	Fl. white..... Group of 4 flashes every 7½ seconds (flashes at intervals of 1 sec., followed by an eclipse of 4½ secs.)	D, 3..	91	1
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	.....	.....

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
Cylindrical reinforced concrete tower; red circular metal lantern.	67	1873 moved 1883 re-built, 1907	.....	Visible from all points of approach by water. Marine telegraph and signal station.	1084
Cylindrical reinforced concrete tower; red circular metal lantern.	82	1874 re-built 1908	.....	Marine telegraph and signal station.	1086
Octagonal wooden lantern rising from red roof of white square wooden dwelling.	37	1908	.....	.....	1087
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.	.....	1906	.....	Indicates the safe limit to which vessels can approach Father Point pilot station to embark and disembark pilots.	1094
Octagonal reinforced concrete tower; red circular metal lantern. Fog alarm building, white, rectangular, wood.	97	1859 Tower 1909	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.	Visible from all points of approach by water. Pilots stationed here. Marine telegraph and signal station. Wireless telegraph station. The diaphone, established in 1904, is elevated 17 feet above high water mark. The fog alarm building is on the beach, 250 feet S. 87° E. from lighthouse.	1095
Black, steel, cylindrical buoy, surmounted by a conical slatwork topmark and a lantern.	.....	1903	.....	Marks the point where mail steamer should meet tenders carrying mails to and from Rimouski wharf.	1096

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.
1097	RIMOUSKI	On wharf, near its outer end.	48 29 26	68 30 50	F. white.....	D, 6..	30	10
1098	PORTNEUF.....	On river bank, $\frac{1}{2}$ mile inside point of peninsula forming E. shore of Portneuf R. at its mouth.	48 37 15	69 5 10	F. white.....	C.....	40	11
1099		Front light on W. side of mouth of Portneuf river.	48 36 55	69 6 13	F. white.....	D, 7..	45	12
1100	PORTNEUF RANGE.	Back light 466 feet N. $63\frac{1}{2}^{\circ}$ W. from front light.	.....	.....	F. white.....	D, 7..	94	15
1101	BICOQUETTE ISLAND..	On N. side of island near middle of its length.	48 25 18	68 53 35	Fl. white,..... Flash 0'20 secs. Eclipse 2'80 "	D, 3..	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	ESCOUMAINS.....	Back light 402 feet N. $57^{\circ} 15'$ W. from front light.	.....	.....	F. red.....	D, 7.. Elec. incan desc't.	47	2
1104	TROIS PISTOLES.....	On outer end of wharf.	48 8 40	69 11 30	F. white	D, p..	20	9
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	PRINCE SHOAL GAS AND BELL BUOY.	In 4 fathoms on S. edge of the westerly patch.	48 6 30	69 36 50	Occ. white.....	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.
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
Lantern on a post, with white diamond-shaped slatwork daymark attached.	12	1906	.....	Lights in one, bearing N. 63½° W., lead into the mouth of Portneuf river.	1099
Lantern on a post, with white diamond-shaped slatwork daymark attached. White shed at base.	20	1906	.....		1100
White, circular, stone, boarded; red circular metal lantern. Fog-alarm building white, with red roof, wood.	74	1844 Horn 1889	Diaphone sounds blasts of 8 seconds' duration with intervals of 52 seconds.	Fog alarm building 135 feet N. 65° W. from lighthouse. Horn is elevated 53 feet above water.	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
Lantern on a pole.	14	1907	.....	Visible from all points of approach by water. Wharf dries at low water.	1104
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 strokes 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
Steel buoy, painted in red and black horizontal bands, surmounted by a bell and lantern.	.....	1902	Bell rung by motion of buoy on the waves.	.....	1109

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 2	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. red.....	D, 7..	16	6
1116	ST. ALPHONSE.....	On pier head, bottom of Ha Ha Bay.	48 21 1	70 53 0	F. red.....	D, 7..		
1117	CAPE EAST.....	On S. extremity of cape	48 22 43	70 42 17	F. white.....	D, p..	36	11
1119		Front light on S. side of river.	48 26 34	70 57 55	F. white.....	C.....	47	7
1120	POSTE ST. MARTIN.	Back light 2,060 ft. N. 52° W. from front light.			F. white.....	C.....	81	7
1121		Front light on N. bank, E. of mouth of river Valin.	48 27 50	70 58 35	F. white.....	D, 7..	31	9
1122	RIVER VALIN.....	Back light N. 25° W. 1,126 feet from front light.			F. white.....	C.....	61	2
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

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
Hexagonal lantern on roof of freight shed on outer end of wharf.	16				1115
Hexagonal lantern on roof of freight shed.					1116
Lantern on small open-framed wooden tower.	13	1907		Visible over an arc of 206° from N. 62° W. through N. and E. to S. 36° E. Light is unwatched.	1117
White, square, wood..	47	1873 reb't 1907		Lights visible in the line of range. 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
Brown square steel skeleton tower; enclosed upper part white, wood.	82	1873 reb't 1907			1120
White, square, wood..	32	1873 re-built 1908		Lights in one, bearing N. 25° W., lead up from the intersection of their alignment with that of Poste St. Martin range lights to the intersection of their alignment with that of Savards range lights.	1121
Brown square steel skeleton tower, with white wooden slat-work on upper portion of side facing channel; enclosed upper part, white, wood	64	1873 re-built 1908			1122
White, square, wood, with diamond day mark facing alignment.	17	1873			1123
White, square, wood, with irregular beacon attached.	31	1873		Alignment leads N.W. ¼ W. along N. part of channel to intersection with River Caribou range.	1124
White, square, wood, with beacon facing alignment.	17	1873			1125
Red square steel skeleton tower; white wooden lantern with red roof.	36	1873 tower 1906		Alignment leads N. 62° 30' W. to intersection with River du Moulin range, opposite mouth of River Caribou.	1126
White, square, wood..	31	1873 reb't 1906			1127
White, square, wood..	31	1873 reb'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	1128

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.
1129	CHICOUTIMI.....	On outer end of wharf.	48 26	71 3 5	F. red electric.	D, 7..	.....	5
1134	ROBEVAL 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	ÎLE AU BÉLIER....	On S.W. end of island.	48 31 44	71 47 10	F. white.....	D, p..	.....	.....

QUEBEC—Continued.

ST. JOHN.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Hexagonal wooden lantern rising from roof of freight shed.	.....	.....	.....	Leads to public wharf. Visible from all points of approach by water.	1129
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 58 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 108 yards S. from water's edge.	47 43 8	69 44 40	F. white.....	D, 4..	136	12
1151	CAPE DOGS.....	Light and fog alarm to be established.						
1152	St. SIMON.....	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, electric	D, p..	38	6
1159	MORIN SHOAL GAS, WHISTLING AND BELL BUOY.	In 7 fathoms at southwest 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, electric..	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 $\frac{1}{2}$ miles, and Riviere du Loup Light S. S. E. 2 $\frac{1}{2}$ miles.	1144
White, square, wood..	35	1882	.....	Marine telegraph and signal station	1145
Gray, circular, brick, metal lantern and dwelling roofs red, dwelling walls white.	39	1862	.....	Tower rises out of centre of a square wooden dwelling.	1147
Black steel cylindrical buoy, surmounted by a steel frame supporting the bell and lantern.	.....	1886	Bell rung by motion of buoy on the waves.	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
.....	.....	.....	.....	.....	1151
White octagonal wooden lantern with red roof, on drab rectangular wooden freight shed with red roof.	35	1906	Hand horn answer signals from vessels.	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 improv'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., electric.	32	7
1163	POINTE AUX OBI-GNAUX.	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	Occ. white..... Visible 10 secs. Eclipsed 5 "	D, 4..	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	Near E. end of the S. Traverse.	47 24 37	70 13 48	Occ. white.....	D, Gas	10	
1174	LOWER TRAVERSE LIGHTSHIP.	In 7½ fathoms, on S. side of S. Traverse at its lower end, ¾ mile N.E from Lower Traverse pier.	47 21 50	70 14 51	Two F. white and one F. red. One F. white at each mast head and red on stay between the masts.	D, 7.. D, p..	31 25	9
1176	SOUTH TRAVERSE MIDDLE GROUND GAS BUOY No. 58 B.	On S. edge Middle Ground.	47 21 44	70 15 27	Occ. white.....	D, p., D, Gas	49 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	Fl. white..... Flash 1 sec. Eclipse 4 secs.	D, 3..	47	12
1178	UPPER TRAVERSE GAS BUOY No. 60 B.	In 4½ fathoms, 4½ cables N.W. ¾ W. from Upper Traverse Light-house.	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
1181	STONE PILLAR.	100 yards from S. point of Islet.	47 12 25	70 21 36	Rev. white 30 seconds.	C....	83	14
1182	ALGERNON ROCK....	In channel, S. E. of Stone Pillar.	47 12 12	70 21 17	F. white.....	D 6..	36	6

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	Hand horn answers signals from vessels.		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	Hand horn answers signals from vessels.	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
Red hull. Two masts with red ball at main top mast head. "Lower Traverser No. 7" in white letters on each side.		1836	Steam whistle gives 2 blasts of 4 seconds duration each every minute; thus, blast 4 secs., silent 4 secs., blast 4 secs., silent interval 48 secs.	The ball or main mast light will be lowered, if from any cause the lightship moves from her station. Leaves her station every autumn after the 20th November.	1174
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. $\frac{1}{2}$ 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. $\frac{1}{2}$ W. $2\frac{1}{5}$ miles.	1180
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 whitened washed concrete pier.	32	1878		Rock covers at half flood.....	1182

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.
1184	PORT JOLI SHOAL GAS BUOY No. 65 B	In 5 fathoms, on the W. side of the more easterly 2½ fathom patch off Port Joli.	47 12 42	70 20 0	Occ. white.....	D, Gas	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. 70 B.	On N. edge of dredged Channel.	47 4 12	70 30 26	Occ. white.....	D, Gas	.....	8
1187	BEAUJEU BANK W. END GAS BUOY No. 69 B.	Opposite gas and bell buoy No. 70 B.	47 4 7	70 30 15	F. white.....	D, Gas	.....	..
1188	HOSPITAL ROCK... }	Front light on Hospital rock, Goose Island.	47 8 4	70 27 52	F. white.....	C....	28	9
1189		Back light on Goose Island, 5,960 feet N. 44° 20' E. from front light.	.....	.....	F. white.....	C....	65	10
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, 1½ miles from W. point of Island.	47 2 47	70 32 50	Occ. white..... Visible 10 secs. Eclipsed 5 "	D, 4..	89	15
1193	ST. THOMAS DE MONTMAGNY. }	At outer end of Government Wharf.	46 59 26	70 33 15	F. red.....	C....	26	3
1194		Back range, 1,971 feet S. ¼ W. from front light.	.....	.....	F. red.....	C....	44	3

QUEBEC—Continued.

LAWRENCE—Continued.

Colour and 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 pyramidal steel frame supporting a lantern.		1902		From the buoy Stone Pillar light-house bears N. 86½° W., 1¼ mile.	1184
Steel cylindrical buoy, black and red horizontal bands, surmounted by a steel frame supporting the bell and lantern.		1886 bell 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
Red steel cylindrical buoy, surmounted by a steel frame supporting the bell and lantern.		1886	Bell rung by the action of the waves.	From buoy Crane Island light bears S. 64° W. 2¼ miles.	1187
Black steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.		1908			1187 ½
White, square, wood; white octagonal wooden lantern.	22	1908		Lights in one astern lead up from the intersection of their alignment with that of Beaujeu. Channel beacon and Crane island lights to a point ¾ mile above Beaujeu Bank W. end gas buoys. Lights visible in the line of range.	1188
Brown square steel skeleton tower, with white wooden slat-work on upper portion of side facing channel; surmounted by white wooden watchroom and white octagonal iron lantern with red roof. Red vertical stripe on side of lighthouse facing the channel.	64	1908			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 intersection of their alignment with that of the Hospital rock range lights.	1190
Brown square steel skeleton tower, surmounted by white wooden watchroom and red octagonal iron lantern.	90	1862 reb't 1908		Visible from all points of approach.	1191
White open framework tower.	26	1883 reb't 1897			1193
White open framework tower.	36	1897		A guide to enter harbour only.	1194

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.
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 3½ fathoms.	47 0 25	70 39 9	Occ. white	D, Gas	10	8
1199	GRAND POINTE GAS BUOY No. 106 B.	In 5 fathoms, off Grande Pointe.	47 16 7	70 33 54	Occ. white	D, gas		
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
1205	EASTERN NARROWS GAS BUOY No. 110 B.	In 4 fathoms, on W. side of Eastern Narrows of N. Traverse.	47 3 47	70 44 5	Occ. white	D, Gas		
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	D, 4..	30	10
1218	ST. LAURENT	On the wharf, near its outer end, Island of Orleans.	46 51 32	71 0 20	F. white	D, 5..	33	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 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. $\frac{1}{2}$ E. $1\frac{1}{2}$ miles.	1197
Red steel spar buoy, surmounted by a lantern.	.....	1907	.....		1199
White, square, wood, dwelling near by.	34	1870	.....	Coast light.....	1202
Open framed tower....	24	1875	.....	} Range lights. Lead between Traverse Spit and Brulé Bank.	1203
Open framed tower....	34	1875	.....		1204
Red steel cylindrical buoy.	.....	1907	.....		1205
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
Square lantern on roof of freight shed.	30	1874	.....	Visible from all points of approach by water.	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

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.
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
	MONTÉE DU LAC.	See above, 1202.						
1225	DOMAINE.....	Front light on N. shore of Orleans Island, ½ mile eastward of Rivière du Moulin.	47 1 8	70 49 47	F. white.....	C.....	38	11
12254		Back light 2,573 feet S. 65½° W. from front light.			F. white.....	C.....	122	17
1226	STE. ANNE DE BRAUPRÉ.	Front light on pier on E. side of Ste. Anne de Beaupré wharf, 986 feet from outer-end of wharf.	47 1 17	70 55 47	F. white.....	C.....	33	11
1227		Back light on shore 4,210 feet N. 88° W. from front light.			F. white.....	C.....	107	16
1228	ORLEANS CHANNEL. STE. FAMILLE FRONT RANGE	On beach near stone mill, south side of channel.	46 57 50	70 58 48	F. white.....	C.....	81	10
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	10
1230	ST. PIERRE FRONT RANGE.	On beach on south side of channel, on point at narrowest part.	46 55 37	71 2 37	F. white.....	C.....	20	9
1231	ST. PIERRE BACK RANGE.	539 feet S. 59° W. from front light, in low field			F. white.....	C.....	50	12

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 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
White, square, wood; lantern roof red.	32	1907	.....	Lights in one lead up from the intersection of their alignment with that of Cap Brulé range lights to the intersection of their alignment with that of the Ste. Anne de Beaupré range lights.	1225
White, square, wood; lantern roof red.	32	1907	.....		1225½
White, square, wood; lantern roof red; concrete foundation 9 feet high.	32	1907	.....		1226
White, square, wood; lantern roof red.	32	1907	.....	Lights in one lead up from the intersection of their alignment with that of the Domaine range lights to Ste. Anne river.	1227
Galvanized square steel skeleton tower; enclosed upper part white wood; lantern roof red.	82	1885 Tower 1907	.....	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

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.
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	C. Incandesc't.	80	4
1237	QUEBEC, BACK RANGE.	On cross wall, Princess Louise Basin, 1690 feet W. S. W. from front light.			F. red, electric	Incandesc't.	103	8
1238	FLY BANK GAS BUOY No. 10Q.	On edge of Fly Bank, Quebec Harbour.	46 47 34	71 13 16	Occ. white	D, gas		
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. 15Q.	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.
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
Brown square steel skeleton tower, surmounted by an iron box.	74	1891 Tower 1907	.....	Lights visible 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
Red steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.	.....	1907	.....	.....	1238
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. $\frac{1}{2}$ 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
1257	CAP SANTIÉ TRAVERSE GAS BUOY No. 44 Q.	.....	46 39 50	71 47 50	Occ. white.....	D, Gas	.....	....
1258	PLATON POINT GAS BUOY No. 49 Q.	In 5 fathoms $\frac{1}{6}$ 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, $\frac{1}{3}$ 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

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
Red steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.	.....	1909	.....		1257
Black, steel, cylindrical buoy, surmounted by a pyramidal steel frame supporting a lantern.	.....	1902	.....	Marks the turn in the ship channel off Platon Point.	1258
White, wood; lantern on roof of dwelling.	30	1842	.....	Lead up Richelieu Channel to the light on Richelieu Island.	1260
White, stone.....	26	1842	.....		1261

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.
1263	BARRÉ À BOULARD.	Back range on edge of cliff in axis of dredged channel.	46 39 31	71 52 42	F. white	C	160	11
1264		Front range on Richelieu Island reef, 10,400 feet S. 70° W. from back range.	46 38 31	71 54 42	F. white	D, 7	40	9
1266	PLATON	On S. side, 1½ miles below Richelieu Island.	46 39 6	71 53 5	F. white	C	130	12
1267		507 feet E. by N. ¼ 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. ¼ W. from front light.			F. white	C	35	10
1273	LANGLAIS POINT	On S. shore, ¾ 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° 30' E. from front light.			F. white	C	131	16
1277	BATTURE DU CHÊNE GAS BUOY No. 73 Q.		46 34 44	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	12
1281		Back light at top of steep cape, 1,200 feet S. 67½° 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.
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 Horseback bar lights are on.	1263
White, octagonal, wood, on red brown circular pier, red iron lantern.	42	1899	.....	Lead through Richelieu Rapids and across Barre à Boulard. These lights do not correctly mark the improved ship channel.	1264
White with black vertical stripe facing channel, square, wood.	7	1824	.....		1266
White with black vertical stripe facing channel, octagonal, wood.	24	1816	.....	This light and the lights on Platon Point are very nearly in the same bearing, viz.: N. 73° E.	1267
White, octagonal, stone	35	1816	.....		1268
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.	1270
White, with red roof, square, wood.	17	1871	.....		1271
White, square, wood..	8	1844	.....	To show off Batture des Grondines, and to avoid Batture Cordin, and as a steering point for Richelieu.	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	.....	Lights visible in the line of range. Lights in one, bearing S. 69° W., lead through axis of dredged channel through Horseback bar to intersection of alignment of Ste. Emélie range lights.	1279
					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. 80Q.	Lower end of Cape Charles Course.	46 33 53	72 4 23	Occ. white.....	D, gas	.....	.....
1283		Front light on the point	46 34 44	72 4 22	F. white.....	C.....	33	7
1284	GRONDINES POINT.	Back light near bank of river 8,260 feet N. 84° E. from front light.	.....	.....	F. white.....	C.....	66	8
1285		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	GRONDINES UPPER RANGE.	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 27	72 8 24	Occ. white.....	D, gas	13	.....
1289	CAP LEVRARD GAS BUOY No. 105 Q.	.....	46 32 30	72 10 6	Occ. white.....	D, gas	13	.....
1290	CAP LEVRARD GAS BUOY No. 110 Q.	.....	46 32 6	72 10 43	Occ. white.....	D, gas	13	.....
1291	BATISCAN COURSE GAS BUOY No. 115 Q.	Upper end of course...	46 31 27	72 12 10	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
1294		On low flat about one mile below Batiscan Church.	46 30 43	72 14 20	F. white.....	C.....	31	3
1295	BATISCAN.....	1,616 feet S. 77° 48' W. from front light.	.....	.....	F. white.....	C.....	81	3

QUEBEC—Continued.

LAWRENCE—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
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, iron lantern with red roof, on white washed square concrete pier with battered sides.					1294
Brown square steel skeleton tower with white wooden slat-work on upper portion of side facing channel; enclosed upperpart, white, wood; lantern roof red.	62	1844 moved 1879 re-built 1908		Lights visible in the line of range. Lead through channel dredged in Batture Ste. Anne	1295

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.
1296 $\frac{1}{2}$	BATTURE ST. PIERRE GAS BUOY NO. 119 Q.	.....	46 30 55	72 13 7	Occ. white.....	D, gas	13	....
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	....
298	BATTURE PERRON GAS BUOY NO. 129 Q.	.....	46 29 18	72 14 16	Occ. white.....	D, gas	13	....
1298 $\frac{1}{2}$	GENTILLY.....	Front light on pier on flats north of Gen- tilly.	46 25 48	72 15 47	F. white.....	D, 4..	45	7
1298 $\frac{1}{2}$		Back light $\frac{1}{2}$ mile S. 33° 15' W. from front light, and 1,650 feet N. 33° 15' E. from Gentilly Church.	.....	.....	F. white.....	D, 4..	101	8
299	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 CARPEN- TIER GAS BUOY No. 15 C.	.....	46 26 17	72 20 51	Occ. white.....	D, gas	13	....
1302	CHAMPLAIN.....	About $\frac{1}{2}$ mile above village church.	46 26 32	72 20 51	F. white.....	C.....	34	4
1303		2,020 feet N. 56° E. from front light.	.....	.....	F. white.....	C.....	104	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.
Black steel spar buoy, surmounted by a lantern.	....	1908	.....	.....	1296 ½
Black, steel spar buoy, surmounted by a lantern.	.....	1904	.....	.....	1297
Black, steel spar buoy, surmounted by a lantern.	.....	1904	.....	.....	1298
White, square, wood; lantern roof red; on square concrete pier, with battered sides 29 feet high.	23	1907	.....	.....	1298½
Brown square steel skeleton tower, with white wooden slat-work on upper portion of side facing channel; enclosed upper part white, wood; white octagonal iron lantern with red roof.	81	1907	.....	Lights visible in the line of range. Lights in one, bearing S. 33° 15' W., lead up from the upper end of the curve at St Pierre les Becquets to the bend at Batture Perron.	1298½
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 wooden 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

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.
1304		Front light on bank of river, about $\frac{1}{2}$ mile above Champlain village 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
1305½	ILE BIGOT GAS BUOY No. 20 C.	Opposite east end of Ile Bigot.	46 25 5	72 22 49	Occ. white.....	D, gas	13	.....
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
1311		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

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	1904 Tower 1906			1304
Brown square steel skeleton tower, with white wooden slatwork 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			1306
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 1906			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 1906		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

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.
1314	CAPE MADELEINE VILLAGE.	Front light on bank of river, about $\frac{1}{2}$ mile below Cape Madeleine village church.	46 22 24	72 29 42	F. white.....	C.....		4
1315		Back light 2,250 feet N. 87° W. from front light.			F. white.....	C.....		4
1316	BECANOUR 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. 43 C	Opposite Cape Madeleine village front range lighthouse.	46 22 11	72 29 15	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	.....
1320	THREE RIVERS.....	Front light $\frac{1}{2}$ mile above W. side of mouth of St. Maurice River.	46 20 11	72 32 40	F. white.....	D, 4..	53	11
1320 $\frac{1}{2}$		Back light 1,800 ft. S. 71° 5' W. from front light.			F. white.....	D, 4..	87	11
1321	PORT ST. FRANCIS	On a pier to the westward of wharf.	46 16 19	72 37 10	F. white.....	C.....	35	11
1322		On pier, N. 79° 15' E., 850 feet from front light.			F. white.....	C.....	70	14
1322 $\frac{1}{2}$	POULLIER LAFORCE GAS BUOY No. 6 L	.....	46 16 27	72 38 3	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.
White, square, wood; white octagonal lantern.	23	1904 Tower 1905	.....		1314
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.	63	1904 Tower 1905	.....	Lights visible in line of range. Mark axis of ship channel through Becancour traverse.	1315
Black, steel spar buoy, surmounted by a lantern.	.....	1904	.....		1316
Black, steel spar buoy, surmounted by a lantern.	.....	1907	.....		1317
Black, steel spar buoy, surmounted by a lantern.	.....	1904	.....		1318
Black, steel spar buoy, surmounted by a lantern.	.....	1904	.....		1319
Brown square steel skeleton tower, with white wooden slat-work on upper portion of side facing channel; enclosed upper part, white, wood.	47	1908	.....	Light in one bearing S. 71° 5' W., lead up from intersection of their alignment with that of the Cape Madeleine lower range lights to the bend at Three Rivers Shoal gas buoy No. 59C. Lights visible in the line of range.	1320
do do	81	1908	.....		1320
White octagonal iron lantern with red roof, on whitewashed square concrete pier with battered sides.	42	1849 reb't 1908	.....		1321
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; on a whitewashed square concrete pier with battered sides.	48	1849 reb't 1908	.....	Mark axis of channel through Batterie au Fer and Pouillier Laforce.	1322
Red steel spar buoy, surmounted by a lantern.	19	1907	.....		1322

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.
1323		Front light on pier on the flat on E. side of mouth of Nicolet River.	46 15 30	72 39 2	F. white.....	C.....	45	4
1324	NICOLET.....	Back light 4,250 feet S. 57° 10' E. from front light.			F. white.....	C.....	96	5
1325	ENGLISH BANK GAS BUOY No. 13 L.	At lower end of Nicolet traverse.	46 15 41	72 39 59	Occ. white.....	D, gas.....		
1326	GAS BUOY No. 17 L.	At upper end of Nicolet traverse.	46 15 50	72 40 45	Occ. white.....	D, gas.....		
1327	GAS BUOY No. 21 L.	Middle of Curve No. 3.	46 15 54	72 41 43	Occ. white.....	D, gas.....		
1328		Back light on shore, 9,500 feet N. 71° E. from front light.	46 16 49	72 40 15	F. white.....	D, 4..	137	17
1329	POINTE DU LAC	Front light on pier on N. edge of curve above Pointe du Lac.	46 15 57	72 42 7	F. white.....	D, 5.. Acetylene	45	12
1331	GAS BUOY No. 25 L.	Upper end of curve No. 3.	46 15 39	72 42 38	Occ. white.....	D, gas.....		
1331 $\frac{1}{2}$	GAS BUOY No. 35 L.	Between Curve No. 3 and Yamachiche bend	46 14 42	72 44 42	Occ. white.....	D, gas.....		
1332	GAS BUOY No. 47 L.	Opposite Yamachiche Point.	46 13 33	72 47 9	Occ. white.....	D, gas.....		

LAKE ST. PETER.

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 hexagonal wooden lantern; on square concrete pier with battered sides 30 feet high.	19	1907			1323
White, square, steel skeleton tower, with white wooden slat-work on upper portion of side facing channel, surmounted by white wooden watchroom and white square wooden lantern with red roof.	82	1907		Lights visible in the line of range. Lights in one mark axis of channel through Nicolet Traverse.	1324
Black steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern		1907			1325
Black steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.		1907			1326
Black steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.		1908			1327
Brown square steel skeleton tower, surmounted by white wooden watchroom and red octagonal iron lantern.	102	1843 re-built 1907			1328
Red octagonal iron lantern rising from red roof of white square fireproof dwelling, on whitewashed square concrete pier with battered sides.	27	Tower 1907		Lights in one astern, bearing N. 71° E., lead up from the curve in Lake St. Peter above Point du Lac to Yamachiche bend gas buoy No. 57 L.	1329
Black steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.		1907			1331
Black steel spar buoy, surmounted by a lantern.		1908			1331 ‡
Black steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.		1908			1332

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.
1333	YAMACHICHE BEND GAS BUOY, No. 57 L.		46 12 38	72 49 7	Occ. white, visible 10 seconds, eclipsed 10 seconds.	D, gas		
1333 ‡	YAMACHICHE BEND GAS BUOY No. 58 L.		46 12 44	72 49 0	Occ. red	D, gas		
1333 ‡	GAS BUOY No. 67 L.	Between Yamachiche Bend and Curve No. 2.	46 12 9	72 51 2	Occ. white	D, gas		
1333‡	GAS BUOY No. 79 L.	At lower end of curve No. 2.	46 11 30	72 53 30	Occ. white	D, gas		
1334		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
1336‡	GAS BUOY No. 85 L.	At upper end of Curve No. 2.	46 11 7	72 54 28	Occ. white	D, gas		
1337		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	LOUISEVILLE	Back light on W. side of Rivière du Loup, about ⅓ mile N. of front light.			F. white	D, 7.	45	6

LAKE ST. PETER.

QUEBEC—Continued.

LAWRENCE—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Black, steel, cylindrical buoy, surmounted by a lantern.		1903			1333
Red steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.		1908			1333 $\frac{1}{2}$
Black steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.		1908			1333 $\frac{3}{8}$
Black steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.		1907			1334
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.	28	1816 light-house 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. 84 $\frac{1}{2}$ ° 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. 58 $\frac{1}{2}$ ° E., lead from Curve No. 2 to the intersection of their alignment with the alignment of Ile aux Raisins range lights.	1336
Black steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.		1907			1336 $\frac{1}{2}$
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

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.
1338 1/4	GAS BUOY No. 91 L.	Between Curve No. 2 and Curve No. 1.	46 10 29	72 55 21	Occ. white.....	D, gas	.....	..
1338 1/2	GAS BUOY No. 97 L.	Lower end of Curve No. 1.	46 9 44	72 56 23	Occ. white.....	D, gas	.....	....
1339	WEST LIGHTSHIP	N. side of channel, at bend where dredged channel leaves Ile aux Raisins Traverse.	46 9 28	72 56 51	F. white	D, 7..	22	9
1340	GAS BUOY No. 103 L.	Upper end of Curve No. 1.	46 9 13	72 56 50	Occ. white.....	D, gas	.....	....
1341	ST. FRANCIS RIVER OUTER RANGE.	Front light on east side of mouth of river.	46 6 59	72 54 19	F. white.....	C	12	6
1342			Back light 600 feet S. 38° E. from front light.	.....	F. white.....	C	20	6
1343			Front light, at lower end of low grassy islet at mouth of river.	46 6 54	72 55 7	F. red.....	C	12	4
1344	ST. FRANCIS RIVER INNER RANGE.	Back light on west side of mouth of river, 830 feet S. 9° E. from front light.	.....	.....	F. red.....	C	12	4
1345	GAS BUOY No. 111 L.	At lower end of curve below Ile aux Raisins Traverse.	46 7 36	72 57 17	Occ. white.....	D, gas	.....	....
1346		Front light on pier in marsh on N. edge of Island.	46 6 19	72 57 43	F. white.....	C	36	7
1347	ISLE AUX RAISINS.	Back light on W. edge of Island, 2,014 feet S. 26° 8' W. from front.	46 6 07	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
Black steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.	.....	1906	.....	.....	1338 ‡
Black steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.	.....	1907	.....	.....	1339‡
Hull red, white octagonal wooden tower, with red lantern roof, amidship.	23	1828	.....	Removed at the approach of winter. Defines N. E. extremity of Ile aux Raisins Traverse.	1339
Black steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.	.....	1907	.....	.....	1340
Lantern on a pole.....	.....	1891	.....	Lights in one, bearing S. 33° E., lead past Pointe des Ilets to the intersection of their alignment with that of St. Francis river outer range lights.	1341
Fantern on a pole.....	.....	1891	.....		1342
Lantern on a mast, standing in the water.	13	1883	.....	Lights in one, bearing S. 9° E., lead from the intersection of their alignment with that of the St. Francis river outer range lights to the mouth of St. Francis river. Removed in autumn, and replaced when water becomes low in summer. Movable, to suit shifting sand banks.	1343
Lantern on a mast, standing in the water.	13	1883	.....		1344
Black steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.	.....	1907	.....	.....	1345
White, square, wood; lantern roof red; on square concrete pier, with battered sides, 18 ft. high.	22	1843 reb'lt 1907	.....	Front light visible in line of range. Alignment leads through the Traverse dredged channel from deep water at upper end of lake to W. light-ship. Back light visible in the line of range; it may also be seen dimly from other parts of the channel.	1346
Brown, square, steel, skeleton tower, surmounted by white, wooden watch room and white octagonal wooden lantern.	85	1863 reb'lt 1903	.....		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 DES BARQUES	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 range.)	.....	.....	F. white.....	D, 4.	108	11
1349	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.	46 5 27	73 0 40	F. white.....	C.....	41	2
1350		Back light 660 feet S. $83^{\circ} 55'$ W. from front light.	.....	.....	F. white.....	C.....	73	2
1350	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		Back light, 600 feet N. 45° E. from front light.	.....	.....	F. white.....	C.....	71	2
1351		Front light on S. side of island.	46 4 10	73 3 3	F. white.....	C.....	36	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, 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 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 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
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	.....		1350
White, cylindrical, steel tower 5 feet in diameter; red square wooden lantern. On square concrete pier with battered sides.	52	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 des Barques range lights to the intersection of their alignment with the alignment of Gallia Bay lower range lights.	1350j
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.	1350j
White, cylindrical, steel tower 5 feet in diameter; red square wooden lantern. On square concrete pier with battered sides.	52	1907	.....		1350j
White square building, with steel frame sheathed with asbestos, on square concrete pier with sloping sides; white square iron lantern.	19	1871 reb't 1905	.....		1351

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.
1352	ILE DE GRACE	Back light on S. E. end of island, 1,900 ft. N. 89 $\frac{1}{2}$ ° E. from front light.	.....	.....	F. white.....	C ..	80	5
1353		Front lighthouse on S. shore, about 2 $\frac{1}{4}$ 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 RANGE.	Back light 1,590 S. 82° E. from front light. (This light also serves as the back light of Ile des Barques range.)	.....	.....	F. White.....	D, 4..	108	5
1358	NEPIGON SHOAL GAS BUOY NO. 146 L.	.....	46 3 41	73 5 32	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.
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. 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	1906	.....		1353
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.	80	1906	.....	Lights visible in the line of range. Marks axis of dredged channel through Ile de Grace Traversee 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 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 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
Red steel spar buoy, surmounted by a lantern.	.....	1906			1358

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.
1361	SOREL	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		On S. W. corner of Wharf, 200 feet S. 6° 30' W. from front light.			F. red, gas	C	59	3
1365	ILE AUX FOINS GAS BUOY No. 1 M.	Upper end of curve at Ile aux Foins.	46 2 7	73 9 51	Occ. white	D, gas		
1366	ILE DU PADS.....	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		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.						

RICHELIEU

1368	CHAMBLY BASIN...	Front light at south-western end of Chamblay Basin.	45 27 23	73 17 27	F. red	C		2
1368		Back light 363 feet S. 39° 38' W. from front light.			F. red	C		2
1368	CHAMBLY WHARF...	On outer end of wharf on south side of Chamblay Basin, on east side of entrance to canal.	45 27 30	73 17 21	F. red			2
1369	CHAMBLY CANTON.	Front light on south side of Chamblay Basin, east of lower entrance to Chamblay canal.	45 27 29	73 16 39	F. red	C		2
1369		Back light 438 feet S. 8° 12' W. from front light.			F. red	C		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.
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
Black steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.	.....	1907	.....		1365
White, square, wood ; on square concrete pier with battered sides, 22 feet high.	19	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.	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	.....		1367

RIVER.

White, square, wood ; white hexagonal wooden lantern.	20	.....	.....	Range lights visible in the line of range. In going up the river the Chambly Canton range should be brought in one at St. Matthias, and kept on to the intersection of their alignment with that of the Chambly Basin range, which leads to the canal entrance.	1368
White, square, wood ; with black vertical stripe on side facing alignment ; white hexagonal wooden lantern.	26	.....	.....		1368 ‡
Lantern on a pole.....	.....	.....	.....		1368 ‡
White, square, wood..	20	.....	.....		1369
White, square, wood, with black vertical stripe on side facing alignment.	28	.....	.....		1369 ‡

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, $\frac{1}{4}$ mile below Isle aux Noix.	45 10 40	73 14 10	F. white.....	C.....	8	2
1374		On shore, 345 feet N. W. $\frac{1}{4}$ N. from front light.			F. white.....	C.....	23	1
1376	LACOLLE.....	On crib on W. bank of river.	45 4 40	73 18 15	F. white.....	C.....	7	4
1377		S. E. of front light ...			F. white.....	C.....	18	6
1379	LACOLLE RAILWAY BRIDGE.	Pivot pier 1,040 feet N. 37° W. from Ash Island Light.	45 3	8 73 19 9	F. white and red.....			
1381	ASH ISLAND.....	On S. end.....	45 3 0	73 19 0	F. white.....	C.....	44	4
1382	BLOODY ISLAND.....	On pier, about $\frac{1}{4}$ mile above Ash Island.	45 2 15	73 19 20	F. white.....	C.....	12	4
	WINDMILL POINT....	U. S. Light.						

QUEBEC—Continued.

RIVER—Concluded.

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	ST. OURS TRAVERSE	Front light on beach on S. shore.	45 53 40	73 12 44	F. white	C	50	4
1385		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	CONTRECOEUR COURSE.	Front light on top of river bank.	45 55 23	73 12 29	F. white.....	C	63	5
1389		Back light, 2,555 feet N. 48° 15' E. from front light.	.....	.....	F. white.....	C ...	127	5
1390	LAVALTRIE	Lantern on small pier on shore line, S.E. side of Island.	45 53 15	73 15 50	F. white.....	C	17	8
1391		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. white.....	D, gas	13	....
1392	BELLMOUTH CURVE GAS BUOY No. 20 M.	Middle of curve.....	45 54 27	73 12 56	Occ. white.....	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. white.....	D, gas	13	....

QUEBEC--Continued.

RIVER--Resumed.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Black, steel spar buoy, surmounted by a lantern.	.....	1903	.....	.....	1383
White, square, wood, on white, concrete pier; lantern roof red.	33	1903	.....	.....	1384
Brown, square, steel, skeleton tower, with white, wooden slat-work on upper portion of side facing channel; enclosed upper part, white, wood, lantern roof red.	64	1903	.....	Lights visible in the line of range. Lights in one, bearing S. 15° 30' W. mark the axis of ship channel from gas buoy No. 5 M to Bellmouth curve.	1385
White, square, wood, lantern roof red.	33	1903	.....	•	1386
Brown, square, steel, skeleton tower, with white, wooden slat-work on upper portion of side facing channel; enclosed upper part, white, wood, lantern roof red.	64	1903	.....	Lights visible in the line of range. Lights in one astern, bearing S. 61° W. lead through Petite Traverse, in the axis of the ship channel from Bellmouth curve to 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	.....	.....	1390
Red, square, open steel frame with red lantern, and white slat-work target with vertical red stripe.	32	1831 re-built 1896	.....	Range lights leading through Flat Islands Channel. Buildings removed in winter, and lanterns on poles used in spring, while piers are submerged.	1391
Red, steel spar buoy, surmounted by a lantern.	.....	1905	.....	.....	1391½
Red, steel spar buoy, surmounted by a lantern.	.....	1903	.....	.....	1392
Red, steel spar buoy, surmounted by a lantern.	.....	1904	.....	.....	1392½

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	CONTRECOEUR BEND GAS BUOY No. 31 M.		45 53 20	73 14 14	Occ. white, visible 7 seconds, eclipsed 5 seconds.	D, gas	13	....
1394	CONTRECOEUR JUNCTION GAS BUOY No. 45 M.		45 51 36	73 16 12	Occ. white, visible 6 seconds, eclipsed 5 seconds.	D, gas	13	....
1401	CONTRECOEUR TRANSVERSE.	About 2 miles above Contrecoeur Village; 450 feet back from shore.	45 50 9	73 16 49	F. white.....	C....	35	6
1402		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	CONTRECOEUR TO VERCHÈRES RANGE	Back tower on pier on islet in flats 9,250 feet N. 54° 30' E. from front.			F. white.....	C....		6
1410	VERCHÈRES TRANSVERSE RANGE.	Front on a cribwork pier on S. shore 8,570 feet N. 57° 50' E. from Verchères Church.	45 47 43	73 20 10	F. white....	C....	36	11
1411		Back, 1,900 ft. N. 70° E. from front.			F. white.....	C....	43	12
1412	VERCHÈRES VILLAGE RANGE.	Front, on cribwork pier on S. shore, 380 feet S. 61° E. from outer end of Verchères Wharf.	45 46 52	73 21 28	F. white.....	C....	44	12
1413		Back, on a hillside in upper part of village, amongst trees, 1,950 feet S. 54½° W. from front light.			F. white.....	C....	85	15
1414	PLUM ISLAND GAS BUOY No. 82 M.	Opposite west end of island.	45 47 16	73 20 52	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.
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 mov'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 mov'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. Whitewashed concrete pier.	65	1903			1407
White, square, wood; lantern roof red; pier white.	23	1902		These lights indicate axis of ship channel in crossing from straight cut that extends between Contrecoeur and Ile aux Prunes to straight cut that extends between the point above Verchères and Cap St. Michel curve.	1410
White, circular, stone, formerly a windmill. Octagonal, wooden lantern white with red roof.	41	1902		Lights visible in, and over a small arc on each side of, the line of range.	1411
White, square, wood, lantern roof red; pier white.	31	1902		Lights visible in, and over a small arc on each side of, the line of range.	1412
Brown, square, steel skeleton tower; enclosed upper part white, wood; lantern roof red.	65	1902		These lights in one lead from the intersection of their alignment with that of the Contrecoeur range lights to intersection of their alignment with that of the Verchères traverse range lights.	1413
Red steel spar buoy, surmounted by a lantern.		1906			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	....
1417	POULLIER DES TROIS BOUÈES GAS BUOY NO. 103 M.	½ mile below Ile Hertel	45 44 59	73 23 51	Occ. white.....	D, gas	.....	.....
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.	45 41 36	73 27 38	F. white.....	C....	89	7
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		¾ 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 12	73 26 6	F. white.....	C....	38	7
1428		Front light, near shore on N.E. side of Island.	45 41 19	73 27 33	F. white.....	C....	22	10
1429	ISLE STE. THÉRÈSE, LOWER RANGE.	Back range, 600 feet S. 51½° 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
Black steel conical-topped buoy, surmounted by a lantern.	.....	1908	.....	.....	1417 ½
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, with white wooden slat-work on upper portion of side facing channel; enclosed upper part white, wood; lantern roof red.	82	1902 reb't 1908	.....		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
Red square steel skeleton tower; white octagonal wooden lantern with red roof; on whitewashed square concrete pier with battered sides.	18	1831 reb't 1908	.....	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. 51½° W. lead from Cap St. Michel curve to Varennes curve. 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
1434	ILE À L'AIGLE.....	Front light on W. shore of island near its N. end.	45 40 25	73 27 26	F. white.....	C.....	30	2
1435		Back light on E. shore of island, 1,543 feet S. 17° W. from front light.			F. white.....	C.....	52	2
1437	ISLE STE. THÉRÈSE, UPPER RANGE.	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
1438		Front light on S. shore of Ile aux Vaches.	45 39 56	73 28 8	F. white.....	C.....	32	4
1439	BOUCHERVILLE.....	Front light on N. end of Ile St. Joseph.	45 38 43	73 27 19	F. white.....	D, p..	18	4
1440		Back light, 760 feet S. 23° 12' W. from front light.			F. white.....	D, p..	29	4
1441	POINTE AUX TREMBLES BEND GAS BUOY NO. 149 M.		45 39 17	73 28 30	Occ. white.....	D, gas	13	....
1442	POINTE AUX TREMBLES CURVE GAS BUOY NO. 167 M.		45 36 23	73 30 17	Occ. white.....	D, gas	13	....
1446	LONGUE POINTE TRAVERSE.	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
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 traverse 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	.....		1437
White, octagonal, wooden lantern on concrete pier with pointed end.	17	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.	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

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.
1448	LONGUE POINTE GAS BUOY NO. 174 M.	Off Longue Pointe.....	45 35 0	73 30 16	Occ. white.....	D, gas	.....	.....
1449	POUILLIER À GAGNON GAS BUOY NO. 177 M.	.....	45 33 52	73 30 43	Occ. white.....	D, gas	13	.....
1450	LONGUEUIL GAS BUOY NO. 181 M.	Off Longueuil.....	45 33 12	73 31 8	Occ. white.....	D, gas	.....	.....
1450½	LONGUEUIL GAS BUOY NO. 191 M.	Off Longueuil.....	45 32 45	73 31 37	Occ. white.....	D, gas	.....	.....
1450¼	GAS BUOY NO. 193 M.	¾ mile below Ile Ronde.	45 32 18	73 32 2	Occ. white.....	D, gas	13	.....
1450½	GAS BUOY NO. 194 M.	⅞ mile below Ile Ronde.	45 32 20	73 32 9	Occ. red.	D, gas	13	.....
1451	ILE RONDE GAS BUOY NO. 195 M.	¾ mile below Ile Ronde.	45 31 48	73 32 22	Occ. white.....	D, gas	13	.....
1451¼	GAS BUOY NO. 196 M.	½ mile below Ile Ronde.	45 31 49	73 32 32	Occ. red.....	D, gas	13	.....
1452	BELLERIVE PARK.	Front light on the wharf.	45 31 48	73 32 41	F. red, electric....	Arc light	55	2
1453		Back light, 580 feet S. 50° W. from front light.	.....	.....	F. red, electric....	Arc light	75	2
1454	HOCHELAGA...	Front light on wharf at Hochelaga.	45 32 30	73 32 15	F. red, electric....	Arc light	38	3
1455		Back light, 1,010 feet N. 25° 45' E. from front light.	.....	.....	F. red, electric....	Arc light	51	3

MONTREAL HARBOUR.

QUEBEC—Continued.

RIVER—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.		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
Red steel spar buoy, surmounted by a lantern.		1907			1450½
Black, steel spar buoy, surmounted by a lantern.		1903			1451
Red steel spar buoy, surmounted by a lantern.		1907			1451½
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 at Ile 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

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.
1457	ILE RONDE....	Front light on north-east end of Ile Ronde.	45 31 31	73 32 5	F. white.....	C...	43	
1458		Back light on outer end of Guard Pier, about 1½ mile S. 35½° W. from front light.	45 30 27	73 32 41	F. white.....	D, 4..	97	6

Head of ocean navigation.

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 octagonal iron lantern on white-washed square concrete pier with battered sides.	32	1907	.....		1457
Brown square steel skeleton tower, with white wooden slat-work on upper portion of side facing channel; enclosed upper part, white, wood; white octagonal iron lantern with red roof. On whitewashed square concrete pier with battered sides 17 feet high.	64	1907	.....	Front light visible in the line of range; back light visible from all points of approach. Light in one, bearing S. 33½° W., lead up from the intersection of their alignment with that of the Longue Point traverse range lights to the intersection of their alignment with that of the Bellerive Park range lights.	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.....	28	8
1470	LEAD MINES.....	West side of Lake, 4 miles S. by W. from Molson Island.	.....	.....	F. white.....	C.....	18	8
	MAXFIELD POINT....	U.S. Light.						
	WHIPPLE POINT....	U.S. Light.						
	NEWPORT WHARF...	U.S. Light.						

QUEBEC—Continued.

PHREMAGOG.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, on pier rising out of the water.	23	1878 reb't 1900	.....	Visible from all points of approach, except from the westward.	1461
White, square, wood, with red roof.	22	1878	.....	.....	1464
White, square, wood..	22	1878	.....	.....	1465
Lantern on a mast	22	..	.....	.....	1466
White, square, wood..	22	1878	.....	.....	1468
White, square, wood..	22	1878	.....	.....	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.	$\frac{1}{2}$ mile above Lachine..	45 25 58	73 41 15	Occ. white.....	D, gas acetylene.	13	.....
1506 $\frac{1}{2}$	GAS BUOY No. 20 S.	1,925 ft. S. 58° W. from Lachine front range lighthouse.	45 25 57	73 41 59	Occ. white.....	D, gas.....	.....	.....
1507	GAS BUOY No. 38 S.	Turning point, upper entrance, Lachine Canal.	.....	.....	Occ. white.....	D, gas.....	13	4
1507 $\frac{1}{2}$	GAS BUOY No. 48 S.	At eastern end of turn at Lake St. Louis Lightship No. 12.	45 25 35	73 44 1	Occ. white.....	D, gas.....	13	4
1508	LAKE ST. LOUIS LIGHTSHIP No. 12.	$2\frac{1}{2}$ 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. 12 and Lightship No. 13.	.....	.....	Occ. white.....	D, Gas.....	13	4
1512	CHATEAUGUAY LIGHTSHIP.	Lightship No. 13, $3\frac{1}{2}$ miles above Lachine.	45 24 52	73 45 0	F. white.....	D, 7.. acetylene.	26	6
1512 $\frac{1}{2}$	GAS BUOY No. 86 S.	On south edge of flats eastward Ile Perrot, $2\frac{1}{2}$ miles below Windmill Point, and 2 miles above Chateaugay Lightship.	45 23 55	73 46 52	Occ. white.....	D, gas.....	.....	.....
1513	WINDMILL POINT GAS BUOY No. 98 S.	Off the point.....	45 22 19	73 49 30	Occ. white.....	D, Gas.....	9	4

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 cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.		1908			1506 ½
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. 12" 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 a pyramidal steel frame supporting the lantern.		1907			1512½
Red, steel, cylindrical buoy, surmounted by slatwork cage supporting a lantern.					1513

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.
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
1518	GAS BUOY No. 100 S.	11,000 feet N. 63° E. from Beauharnois front range light.	45 20 46	73 52 26	Occ. white.....	D, Gas	9	4.
1519	GAS BUOY No. 102 S.	4,300 feet S. 73½° 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.	3,200 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	59	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.
White, square, wood..	27	1850	.....	In one lead from Chateauguay Lightship to the lower entrance to Beauharnois Canal.	1515
White, square, wood..	27	1850	.....		1516
Red, steel, cylindrical buoy, surmounted by a conical slatwork topmark and a lantern.	.....	.....	.....	.....	1518
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.
	LACHINE GAS BUOY No. 16 S.	See No. 1506 above.						
1528	GAS BUOY No. 53 S.	In 12 feet, off Brown point.	45 26 0	73 45 6	F. white.....	D, gas.....		
1529	DORVAL.....	On a pier N. of channel, off Valois point.	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. ...	1½ miles below Ste. Anne Lock, N. side of river.	45 24 34	73 54 38	Occ. white.....	D, 7.. acetylene.	28	10
1535	ILE PERROT.....	Front light on extremity of point on west side of Madore Bay, S. side of channel below Ste. Anne.	45 23 59	73 55 0	F. white.....	D, 7..	25	2
1536		Back light 200 ft. S. 23° W. from front light.			F. white.....	D, 7..	34	2
1537	STE. ANNE DE BELLEVUE.	On pier at S. E. end of dredged channel crib.	45 24 3	73 55 56	F. white.....	D, 7.. acetylene.	24	10
1538		On N. W. end of channel cribwork, about ¼ 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	STE. ANNE LOCK RANGE.	Front light on northeast pier of canal.	45 24 29	73 57 13	F. white.....	D, 7..	52	2
1540		Back light on bank of canal at C. P. Railway bridge, 415 feet S. 38° E. from front light.			F. white.....	D, 7..	72	4
1543	POINT À CADIEUX..	Lake of Two Mountains	45 25 35	74 0 44	F. white.....	C.....	30	8

DIVISION—Continued.

OTTAWA.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
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
Lantern on a pole with white diamond-shaped slatwork daymark attached.	21	1878 moved 1907		Lights visible in the line of range. The lights in one, bearing S. 23° W., lead through the traverse from the channel following the N. shore of Lake St. Louis into that which follows the N. shore of Ile Perrot, up to that leading between the cribs below Ste. Anne.	1535
Lantern on a pole with white diamond-shaped slatwork daymark attached.	30	1907			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.	1539
Lantern on mast, with white diamond-shaped slatwork daymark attached.				Lights in one lead into the canal from the lake of Two Mountains, and are to be left on the port hand when entering.	1541
Lantern on a mast, with white diamond-shaped slatwork daymark attached.					1540
White, square, wood, with dwelling attached.	32	1875			1543

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.
1543	OKA WHARF.....	On outer end of wharf, village of Oka.	45 27 34	74 5 38	F. white	D, 7..	26	5
1544	OKA	On top of hill on north side of Lake of Two Mountains, 1½ miles above wharf at village of Oka.	45 28 14	74 7 6	F. white.....	D, 7..	144	7
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		N. side of river, near wharf. 930 feet N. 59° E. from front light. 340 ft. N. 11° W. of front tower.	45 31 0	74 9 25	F. white.	D, 7..	15	6
1548	ST. PLACIDE.....				F. white.....	C.....	62	6
1549					F. white	C.....	48	3
1549½	ARGENTEUIL BAY FRONT RANGE, AND JONES ISLAND BACK RANGE.	On N. shore of Ottawa River, 1½ miles above E. end of Carillon Island, and 3,183 ft. N. 65° 15' E. from Jones Island front range light.	45 32 9	74 15 37	F. white.....		41	4
1549½	ARGENTEUIL BAY BACK RANGE.	516 feet N. 63° W. from Argenteuil Bay front range light.			F. white.....		65	4
1549½	JONES ISLAND FRONT RANGE.	On E. extremity of island at entrance to Argenteuil Bay.	45 31 41	74 16 30	F. white.....		24	2
1550		Front light on the wharf	45 29 0	74 12 24	F. white.....	D, p..	25	3
	GRAHAM.....							
1551		Back light at top of river bank, 530 feet S. 54° 45' W. from front light.			F. white.....	D, p..	55	3

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; upper part closed, lower part open; red octagonal lantern.	23	1903 Tower 1908	.....	Visible from all points of approach by water.	1543
White, square, wood.	28	1898 moved 1907	.....	Pointe aux Anglais light and this light in one astern, bearing S. 45 ¹ / ₂ ° E., lead up from a turn in the channel one mile above Pointe aux Anglais to the intersection of their alignment with that of the Argenteuil Bay range lights.	1544
White, square, wood, with lantern roof red.	27	1873	.....		1546
White, square, wood..	20	1874	.....	The first light is common to both ranges. In line with the high tower it marks the axis of the up stream dredged channel and in line with the last light, that of the down stream one.	1547
White, square, wood..	38	1874	.....		1548
White, square, wood..	23	1898 Tower 1902	.....		1549
Lantern on a mast with white diamond-shaped slatwork daymark attached.	34	1907	.....	Lights in one lead up the river from the intersection of their alignment with that, of Pointe aux Anglais and Oka lights, and should be followed until the most easterly high bluff on Carillon Island is abeam, whence the Carillon Island shore should be kept close aboard until Jones Island front range light is passed, whence a course of S. 84° W. will lead into the alignment of Jones Island range, which should be kept until well clear of Carillon Island. Jones Island range leads through a channel between the head of Carillon Island and the peninsula forming the outer shore of Argenteuil Bay.	1549
Lantern on a mast with white diamond-shaped slatwork daymark attached.	48	1907	.....		1549
Lantern on a mast with white diamond-shaped slatwork daymark attached.	22	1907	.....		1549
Lantern on white mast, with white diamond shaped slatwork daymark attached, in front of grey storehouse.	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 daymark attached. White shed at base.	36	1904		Lights visible in line of range.	1551

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.
1551 x	RIGAUD RIVER FLOAT LIGHT NO. 2.	On starboard side of channel, 900 feet N. 12° E. from the point on E. side of mouth of Rigaud River.	45 30 22	74 17 20	F. white.....	D, p.....		
1551 y	RIGAUD RIVER FLOAT LIGHT NO. 4.	On starboard side of channel, 550 feet N. 6° E. from the point on the E. side of mouth of river.			F. white.....	D, p.....		
1551 z	RIGAUD RIVER FLOAT LIGHT NO. 5.	On port side of channel, 200 feet S. 37° W. from the point on the E. side of mouth of river.			F. white.....	D, p.....		
1551½	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
1551½		Back light north of canal, 1,200 feet N. 80° E. from front light.			F. white.....	C.....	48	3
1552	CHUTE À BLONDEAU.	Front light on hillside above Cushing wharf, N. side of river.	45 36 44	74 25 23	F. white.....	C.....	80	3
1552½		Back light 1,100 feet N. 88° E. from front light.			F. white.....	C.....	94	3
1553	L'ORIGINAL.....	On point 120 feet back from water's edge.	45 38 30	74 40 40	F. white.....	D, p.....	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, 1¼ miles E. of Papineauville wharf.	45 38 30	74 59 0	F. white.....	C.....	20	2
1558		Back range, 282 feet northerly from front light.			F. white.....	C.....	30	2
1560	WAY SHOAL.....	On low shore, N. side of river.	45 32 0	75 28 45	F. white.....	C.....	30	8

DIVISION—*Continued.*

OTTAWA—*Continued.*

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.	.....	1907	.....		1551 x
Lantern on superstructure of platform buoy.	.....	1907	.....		1551 y
Lantern on superstructure of platform buoy.	.....	1907	.....		1551 z
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. Maintained by Department of Railways and Canals.	1551½
Lantern on white wooden open framework tower.	40	.....	.....		1551½
Lantern on white wooden open framework tower.	30	.....	.....		1552
Lantern on white wooden open framework tower.	25	.....	.....	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. Maintained by Department of Railways and Canals.	1552½
White, square, wood..	43	1871 r ^t built 1897	.....		1553
Mast, with day beacon affixed, and shed at base, all white.	29	1871 ch'ged 1886	.....	.....	1554
Lantern on a mast....	15	1897	.....	Lights in one mark the dredged channel.	1557
Lantern on a mast....	15	1897	.....		1558
Sides alternately red and white, hexagonal, wood.	25	1870	.....	.....	1560

ONTARIO

RIVER

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.	
1561	WAY CHANNEL.....	Front light on N. bank of river, about $\frac{1}{2}$ mile below mouth of Blanche river.	45 29 56	75 32 2	F. white.....	D, p..	29	4	
1561 $\frac{1}{2}$		Back light 490 feet S. 80° 40' W. from front light.			F. white.....	D, p..	49	4	
1561 $\frac{1}{4}$	BESSERER CROSSING.	Front light on N. bank of river, about $\frac{1}{2}$ mile below mouth of Blanche river.			F. white.....	D, p..	29	1	
1561 $\frac{3}{4}$		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 07	5 35 0	F. white.....	D, 7..	38	8	
1568	LAKE DES CHENES. AYLMER ISLAND.	$1\frac{1}{2}$ miles W. of Aylmer village wharf.	45 25 07	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., acetylene.	30	6
1571			About $\frac{1}{2}$ mile S. 45° E. from front light.			F. white.....	C, acetylene.	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 Chateaux 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	
1576 $\frac{1}{2}$	SAND POINT....	On Government wharf, near its outer end.	45 27 10	76 21 27	F. white.....	D, 7..	23	6	
1577	CAMPBELL ISLAND.	12 miles above Victoria Island, and $3\frac{1}{2}$ above Sand Point.	45 30 07	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.
Lantern on mast with white diamond-shaped slatwork daymark attached. White shed at base.	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. White shed at base.	40	1906	.....		1561½
Lantern on mast with white diamond-shaped slatwork daymark attached. White shed at base.	20	1906	.....		1561½
Lantern on mast with white diamond-shaped slatwork daymark attached. White shed at base.	40	1906	.....		1561½
White, square, wood, on a brown circular pier, lantern red.	21	1860 rebuilt 1900	.....	Visible from all points of approach.	1562
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	1571
White, square, wood..	25	1883 moved 1889	.....	These two lights, in range, lead through the deepest channel over Constance Shoal.	1573
White, square, wood, with red lantern.	29	1873	.....	To indicate the low point, and the shoals off it.	1575
White, square, wood, on whitewashed concrete pier.	26	1885 Tower 1906	.....	Visible from all points of approach.	1576
White, square, wood; lantern roof red.	22	1909	.....	Visible from all points of approach by water.	1576 ½
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.	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	ALLUMETTE 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, 5..	25	6
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
White, square, wood ; on concrete pier.	27	1887 Tower 1907	.....	Visible from all points of approach by water.	1585
Lantern on mast	25	1887	.....	.....	1587
White, square, wood, red hexagonal lantern.	29	1873	.....	Visible up and down stream.....	1588
Lantern on mast, with brown shed at base.	22	1883	.....	.....	1590
Lantern on mast, with white shed at base on cribwork pier.	19	1890	.....	.....	1593
Lantern on mast, with white shed at base on cribwork pier.	19	1890	.....	Visible as far as configuration of lake allows. To be left on star-board hand in going up.	1594

ONTARIO

RIVER ST.

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
	BEAUHARNOIS.....	See No. 1515 above.						
1601	KNIGHT POINT	1st range light, S. side of channel, about 1½ miles from guardlock at upper entrance to Beauharnois 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	4
					Visible 10 secs. Eclipsed 5 secs.			
1611	COTRAU 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
					Visible 10 secs. Eclipsed 5 secs.			
1613	HAY POINT GAS BUOY No. 40 F.	Off the point	45 13 31	74 15 16	Occ. white.....	D, Gas	9	4
1614	GAS BUOY No. 43 F.	Western end middle ground.	45 12 26	74 17 22	F. white.....	D, Gas	9	4
1615	GAS BUOY No. 48 F.	Point Mouillé flats	45 10 34	74 19 51	Occ. white.....	D, Gas	13	4
1616	PORT LEWIS GAS BUOY No. 22 F.	In 9 feet, on S.W. end of shoal N. of pier at Port Lewis.	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 erec'd 1877	.....	Visible from E.N.E. $\frac{1}{2}$ E. through N. to W. $\frac{1}{2}$ 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 22 4	F. white.....	C.....	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	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
1633	GLENGARRY OR STONEHOUSE POINT	North shore of river....	45 2 10	74 36 57	F. white.....	D, 7.. acetylene.	42	10
1635	COLQUHOUN ISLAND GAS BUOY NO. 88 F.	South-east of island....	45 1 23	74 38 59	Occ. white.....	D, Gas	13	4
1636		Front light on cribwork pier on W. end of dyke.	45 1 3	74 39 44	F. white.....	D, 7.. acetylene.	18	6
1637	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

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 reb't 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			16234
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.					1628
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			1633
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 8	74 39 50	Occ. white.....	D, Gas	9	
1692	DICKINSON LANDING	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	PREUNNER 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	...
1703	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	NORTH CHANNEL DYKE, WEST END.	On western end of dyke, upper entrance North channel; $\frac{1}{2}$ mile above Spencer Island.	44 44 22	75 27 10	Occ. white.....	D. acetylene.	26	10

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. Maintained by Department of Railways and Canals.	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 re-built 1904		Visible from all points of approach.	1706
White, steel, cylindrical gas tank, surmounted by a red iron box and lantern.	24	1907		Visible from all points of approach. Light is unwatched.	1708

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.
1710	WINDMILL POINT...	About 1½ miles below Prescott.	44 43 15	75 29 18	F. white.....	D, 7.. acetylene.	92	15
1711	PRESCOTT BEACON...	On outer end of E. pier, Dominion Lighthouse Depot.	44 42 21	75 31 10	F. red.....	D..... acetylene.	25	6
1712	BROCKVILLE NARROWS GAS BUOY.	Off southeast end of easternmost island of Brock Group, eastern end of Brockville Narrows.	44 34 38	75 41 40	Occ. white.....	D, gas.....		
1713	HILLCREST GAS BUOY	In 18 feet water, southeast 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, ¾ mile from N. shore.	44 32 0	75 45 21	F. white.....	D, 7.. acetylene.	33	6
1718	GAS BUOY No. 6 T..	In 3 fathoms, on S. side 15-foot patch, ¾ mile above Cole Shoal lighthouse.	44 31 32	75 45 33	Occ. red.....	D, gas.....		
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, ¼ 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

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.
White, circular, stone..	62	1873			1710
White steel skeleton structure, surmounted by a lantern.	23	1907		Visible from all points of approach.	1711
Red steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.		1907			1712
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
Red steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.		1907			1718
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

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.
1732	BURNT ISLAND	S. E. part of Island, N. side of channel, $\frac{1}{2}$ 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.
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	.....	.....	1738½
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'ly from front light.			F white.....	C.....	75	12
1744	KINGSTON	City Hall.....	44 13 50	76 28 53	F. white.....	Electric arc.		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	F. white.....	C.....	45	12
1751	PIGEON ISLAND.. ...	4 miles from head of Wolfe Island.	44 3 50	76 33 10	Rev. white, 40 secs.	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
Lamp on pole on stone building.	.....	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
1765	NORTH PORT SHOAL GAS BUOY.	In 16 feet, on south side of shoal.	44 8 49	77 11 37	Occ. white.....	D, gas		
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
Red steel cylindrical buoy, surmounted by a pyramidal steel frame supporting a lantern.		1907			1765
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. $\frac{1}{2}$ 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. $\frac{1}{2}$ 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 $\frac{1}{2}$ ° W. from front light.			F. red.....	D, 7..	42	2
1771	TRENTON GAS BUOY.	In 13 feet, at east end of easterly dredged channel.	44 5 35	77 32 27	Occ. white.....	D, gas		
1772	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		MURRAY CANAL... 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 canal piers and 3,920 ft. from Brighton wharf, Presqu' Isle Bay.	44 1 29	77 42 5	F. white.....	C....	29	3
1780	BRIGHTON RANGES... No. 2.—5,360 feet W. by S. $\frac{3}{4}$ S. from No. 3, and 1,440 ft. from Brighton wharf.			F. red.....	C....	45	6	
1781	No. 1.—1,420 feet S. E. by E. $\frac{1}{4}$ E. from No. 2, and 1,100 feet from Brighton wharf.	44 1 2	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
Red steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.	.....	1907 moved 1909	.....	.....	1771
White circular column rising from hexagonal base.	18	1891 reb't 1899	.....	.....	1772
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.	1773
Open truss bridge.....	.....	1891	.....		1774
Open truss bridge.....	.....	1891	.....		1775
Open truss bridge.....	.....	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		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.	1780
White, square, wood on octagonal pier.	30	1891	.....	.....	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	WICKED POINT.	On extremity	43 51 50	77 13 50	Occ. white Visible 6 secs. Eclipsed 4 "	D, 4	40	11
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 30	F. white	C	26	10
1794	PRESQU'ILE	E. point of Peninsula	43 59 54	77 40 30	F. white	D, 4	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	41	8
1798		On east pier head, S. by W. $\frac{1}{2}$ 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.	22	6
1800		Front light on W. edge of E. pier, 166 feet inside the customs warehouse.	43 57 5	78 8 38	F. red	D, 7	30	3
1800 $\frac{1}{2}$		Back light east of the E. pier, 376 ft. N 15° E. from the front light.			F. red	D, 7	38	3
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	1856	Hand horn answers signals from vessels.	.....	1789
White, square, open framework, wood.	27	1876	.....	.....	1792
White, octagonal, stone White rectangular wooden fog alarm building, with high brick chimney, roof red.	63	1840 Fog alarm 1907	Diaphone, operated by compressed air, gives one blast of 6 seconds duration every minute.	Fog alarm building 50 feet westward of lighthouse. Horn, elevated 24 feet above the water, projects from S. end of fog alarm building.	1794
White, square, wood..	40	1844	.....	Maintained by Town Corporation. Lifeboat station.	1797
Lantern on a mast....	20	1886	.....	.....	1798
Lantern on a mast...	20	1883 mov'd 1887	.....	Visible from all points seaward ...	1799
Lantern on a pole with black drum in front of white diamond-shaped daymark.	26	1907	.....	Lights visible from all points of approach by water.	1800
Lantern on a pole with black drum in front of white diamond-shaped daymark.	31	1907	.....	Lights in one, bearing N. 15° E., lead into the harbour mouth, 85 feet west of the east pierhead, through the middle of the channel dredged to 17 feet, through the bar that had formed off the pier-head.	1800 1
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. Lifeboat station.	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. red.....	C.....	40	
1809	WHITBY.....	W. pier.....	43 50 45	78 56 0	F. white.....	D, p..	37	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 4 seconds.	D. 4..	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 seconds.	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
1820	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.	43 18 20	79 48 25	F. white.....	C.....	75	15
1827		Front range light temporarily on outer end of N. pier			F. white.....	D, 7..	15	6
	BURLINGTON BAY..	Back range light temporarily on N. pier 750 feet S. 64° W. from front range light.			F. white.....	D, 7..	30	6
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. On a stone house .. Lantern on a mast ..	28	1847 im-prov'd 1890		Maintained by the Newcastle Harbour Co.	1805
		1863		Not under Marine Department....	1806
				Not under Marine Department....	1807
Octagonal, wood.....	37	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. White, square, wooden fog-alarm building with green roof.	22	1898 tower 1906 Fog-alarm 1905	Diaphone, operated by compressed air, gives one blast of 7 seconds' duration every 45 secs.	Lights in one show the line of the pier Back light visible from all points of approach by water Fog-alarm building on beach just E. of E. pier, $\frac{1}{4}$ mile southeastward of light. Horn projects from dormer on S. E. side of building. Lifeboat station.	1814
White, hexagonal, stone. Keeper's dwelling near.	62	1808			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. Lantern on a pole.....	79	1838	Hand horn answers signals from vessels.		1826
Lantern on a pole.		1845		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 $\frac{1}{2}$ 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.....	D, 4..	30	7
1835		Back light on shore, 690 feet S. 21 $\frac{1}{2}$ ° E. from front light.	.....	.....	F. red.....	D, 4..	43	8

LAKE

1839	WAVERLY SHOAL GAS BUOY.	Maintained by U. S. Government.	.....	.....	Occ. red..... Visible 4 $\frac{1}{2}$ secs. Eclipsed 1 $\frac{1}{2}$ "	D, 4..	97	10
1840	PORT COLBORNE...	Back light on eastern side of canal 4,620 feet N. 22° 15' E. from front light.	.....	.....	Occ. white.....	D, 4.. acetylene.	50	12
1841		PORT COLBORNE EAST BREAKWATER	On outer end of eastern breakwater.	42 52 0	79 15 5	F. 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 Fog alarm 1907	Diaphone, operated by compressed air, gives one blast of 4 secs. duration every 30 secs.	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.	The resonator, elevated 28 ft. above the water, projects from the N. side of lighthouse. From buoy American lighthouse bears S. E. by S. $\frac{1}{2}$ S. $2\frac{1}{2}$ miles; Fort Massassauga S. by E.; Four Mile Point S. W. $\frac{1}{4}$ S.	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.	Vessels entering can run close to buoy leaving it on starboard hand. Fog alarm building on edge of river $1\frac{1}{2}$ 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 $21\frac{1}{2}$ ° E., lead into the river from bell buoy on outermost shoal at entrance.	1835

ERIE.

Galvanized square steel skeleton tower; enclosed upper part, white, wood; red octagonal iron lantern.	90	1878 moved 1907 steel tower 1907	.....	Lights in one, bearing N. $22^{\circ} 15'$ E., lead in from Lake Erie clear of all shoals. The front light is to be left on the port hand in passing. Back light visible from all points of approach by water, except where intercepted by Government elevator on the westerly dock at outer end of the extension of the west pier of the canal.	1839
White, square, concrete, sides of lower part vertical and of upper part sloping; red, octagonal, iron lantern. Rectangular reinforced concrete fog alarm building, with arched roof.	46	1903 Fog alarm 1904	Diaphone, operated by compressed air, gives one blast of $2\frac{1}{2}$ secs. duration every minute.	Front light visible from all points of approach by water. Fog alarm building on W- side of front lighthouse. The trumpet, elevated 24 feet above the level of the lake, projects from the south side of the fog alarm building.	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 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 2½ 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		110 feet from outer end of W. pier.	42 46 52	80 12 10	F. white....	D, 6..	34	11
1847	PORT DOVER.....	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		Front light on southwest corner of east pier.			F. white.....	D, p..	14	6
1855	PORT BURWELL RANGE.	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		On outer end of the E. breakwater pier.			F. white.....	D, 7..	36	11
1860	RONDEAU HARBOUR	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 (3 lanterns around high mast)	D, 5..	50	12
1863	PELEE PASSAGE.....	On pier on N. end of the Middle Ground.	41 51 15	82 34 35	Fl. white..... Flash 58 sec. Eclipse 85 " Flash 58 " Eclipse 5 48 " In every 7 49 secs.	D, 3..	75	14

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. Lifeboat station 2½ miles west of lighthouse.	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. Lifeboat station in harbour.	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.		1859
White, octagonal, wood, on brown steel cylindrical base; brown, polygonal, iron lantern.	49	1876 mov'd 1891		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.	1860
2-masted schooner, hull to rail red, upper works white.		1896 Light-ship 1901	An 8-inch modoc steam whistle sounds blasts of 15 seconds' duration every minute.		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.
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.	D, Gas	8	4	
1870	LEAMINGTON.....	On shore near old pier which is 400 feet west of new pier.	42 1 50	82 35 38	F. white.....	C....	48	12	
1871	KINGSVILLE	On outer end of E. breakwater pier, 10 feet from W. edge.	42 1 37	82 43 50	F. red.....	D, 7..	27	5	
1872		On top of bank at head of E. pier N. by W., 1,060 feet from front light.	42 1 48	82 43 55	F. red.....	D, 7..	55	8	
1873	COLCHESTER REEF..	Near southeastern edge of reef.	41 56	2 82 53 33	F. white	D, 3..	72	14	

RIVER

1876	BAR POINT CUT GAS BUOY.	In 3 fathoms on E. side of S. end of dredged channel off Bar Point.	42 0 24	83 7 46	F. white.....	D, gas	9	4
	RIVER DETROIT.....	U. S. light.						
	BAR POINT LIGHTSHIP.	In 2½ fathoms about 500 feet to westward of a line drawn from Bois Blanc (Canadian) Lighthouse to Detroit River (Bar Point) Lighthouse.	42 2 17	83 8 0	F. white (3 lanterns encircling foremasthead.)	D....	33	11
1878	BOIS BLANC.....	On the foot of Bois Blanc Island, below and opposite Amherstburg.	42 5 11	83 6 45	F. white.....	C....	56	14
1879	ELLIOTT POINT RANGE.	Front light 1,880 feet S. 44° 20' E. from Bois Blanc Island light.	42 5 7	83 6 23	F. red.....	C....	50	2
1880		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, square, wood..	49	1872			1866
Red, steel, cylindrical buoy, surmounted by a pyramidal steel frame supporting a lantern.		1902			1868
White, square, wood..	37	1880			1870
Lantern on a pole.	21	1886		In one lead to entrance, the outer light being left on starboard side in entering. Visible from all points of approach.	1871
White, with iron lantern red, square, wood.	29	1886 mov'd 1889			1872
White, with iron lantern red, hexagonal, wood on circular stone pier.	60	1885	Bell rung by machinery, gives 1 stroke every 15 seconds.	Visible all around the horizon. Fog-bell on S. side of tower.	1873

DETROIT.

Red, steel, cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.		1901			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. $\frac{1}{4}$ W., 13,800 feet. Maintained by the United States Government. Lights visible all around horizon.	
White, with red iron lantern, circular, stone, with dwelling near by on E. side.	40	1837 re- newed 1880			1878
White, steel skeleton tower, with a daymark of red 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 red slats at the top.	70	1898 tower 1905			1880

PROVINCE OF

RIVER

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
1883	AMHERSTBURG RANGE.	Front range on E. bank Detroit River, 80 feet from water's edge and 2,300 feet N. of Fraser's Dock.	42 5 40	83 6 10	F. red.....	C....	54	8
1884		Back range, 558 feet N. 16° E. from front.			F. red.....	C....	73	8
1889	LIMEKILN CROSS-ING 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	2
	LIMEKILN CROSS-ING SOUTH LIGHT VESSEL.	Maintained by the U. S. Government.						
	LIMEKILN CROSS-ING 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 55	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.	.....	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.	.....	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, 1½ miles N. 37° 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° W. from main one.			F. white.....	C.....	22	6

RIVER

1907		Front light on Walpole island, 250 yards southeastward of its N. extremity.	42 38 5	82 30 0	F. white.....	D, p.....	10	1
1908	CHENAL ECARTÉ..	Back light 200 feet S. 40° E. from front light.			F. white.....	D, p.....	22	1
1910	ST. CLAIRE MIDDLE GROUND GAS BUOY.	On the most northerly 18-foot spot east of St. Clair Middle Ground.	42 49 44	82 28 18	F. white.....	D, gas.....		
1911	STAG ISLAND SHOAL.	On S. end of shoal.....	42 52 0	82 27 50	F. white.....	D, 7.....	20	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° E. from front light.			F. white.....	C.....	69	4
1918	POINT EDWARD GAS BUOY.	In 20 ft. water, on edge of shoal on E. side of river, opposite G. T. Ry. elevator, one mile above mouth of river.	42 59 23	82 25 10	Occ. white.....	D, gas.....		
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. 2½° W. from front light.			F. red.....	C.....	58	8

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	.....		1903
Red, open frame, square wood.	23	1845		These two lights, in one, lead over bar.	1904

St. CLAIR.

Lantern on a pole; a white diamond-shaped slatwork daymark with a black vertical stripe is attached to the pole.	8	1909	.....	The lights in one, bearing S. 40° E., lead into the Chenal Ecarté from St. Clair river, clear of the shoals at the entrance.	1907
Lantern on a pole; a white diamond-shaped slatwork daymark with a black vertical stripe is attached to the pole; white shed at base of pole.	20	1909	.....		1908
Black steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.	.....	1908	.....	.....	1910
White, square, wood; on square reinforced concrete pier with battered sides.	22	1900 Tower 1908	.....	Visible from all points of approach by water.	1911
White, square, wood ..	42	1890	.....	Lights visible over a small arc on each side of the line of range. The alignment, S. 13° E., indicates the best water in the Canadian channel past the shoals at the head of Stag Island on the W., and past the shoals off the mouth of Talford Creek on the E. side.	1915
White, square, wooden.	42	1890 Re- built 1892 1908	.....		1916
Red steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.	...	.....	.....		1918
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

PROVINCE OF
LAKE HURON, GEORGIAN

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.
1923	GODERICH.....	Main light on high Bank, S. of entrance to harbour.	43 44 33	81 43 34	F. white.....	D, 4..	150	18
1924		Fog alarm on town waterworks building on beach.						
1924		Gas buoy 50 feet south of western end breakwater off entrance to harbour.	43 44 49	81 44 20	Occ. white.....	D, gas		
1925		Front range light, 15 feet from S. edge of N. breakwater and 117 ft. from its outer extremity.	43 44 48	81 43 54	F. white.....	D, 5..	41	11
1927		Back light on the beach, 1,430 feet S. 83° E. from the front light.			F. red.....	C.....	65	9
1928	POINT CLARK.....	On extremity of low point.	44 4 23	81 45 31	Rev. white, 30 seconds.	D, 2..	93	15
1930	KINCARDINE.....	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		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, 7..	16	4
1935	Back light 70 ft. S. 70° E. from front one.				F. red.....	D, 7..	20	4
1936	On N. extremity of Government wharf.				F. white.....	D, 7..	21	9
1937	NORTH RANGE	On shore E. side of harbour 660 feet N. 36° E. from front light.			F. red.....	C.....	31	4
1940	CHANTRY ISLAND....	About 2½ miles W. from Saugeen.	44 29 23	81 24 9	F. white.....	D, 2..	94	15

ONTARIO—Continued.

BAY AND NORTH CHANNEL.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, stone, with dwelling attached.	20	1847	.....	.....	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. $\frac{1}{2}$ E. from outer red light. Maintained by Corporation.	1924
Black steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.	.....	.....	.....	.....	1924
White, square, open frame.	33	.....	.....	To enter harbour the range lights should be kept in one bearing S. 88° E. until within about 700 feet of the front light, when the course should be changed so as to pass midway between the N. and S. piers. When clear of the E. end of the N. pier care should be taken to avoid the checkwater extending 125 feet from the S. pier, S. side of harbour, abreast of the pumping station. Lifeboat on south pier.	1925
Square galvanized steel skeleton tower; enclosed upper part, white, wood.	64	1905 tower 1908	.....		1927
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. Lifeboat station on east shore of harbour.	1932
Lantern in small wooden tower, 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 break water and the landing wharf, leaving the front light on the starboard hand to clear the wharf.	1934
Lantern in square wooden tower.	30	1895	.....		1935
Lantern in corner of freight shed.	14	1884	.....		1936
Lantern on a mast, with white shed at base.	16	1895	.....		1937
White, circular, stone.	86	1859	.....		1940

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.
1941	SOUTHAMPTON HARBOUR.	On E. end of W. breakwater N. E. by E. 933 yards from Chantry Island Light.	44 29 44	81 23 39	F. red.....	D, 5..	28	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		Fog-alarm on town waterworks building on lake shore.						
1943	SAUGEEN.....	On cribwork block on breakwater, on N. side of mouth of river.	44 30 8	81 22 31	F. green.....	D, p..	36	4
1944		Back light on hill S. 80° E. 2,350 feet from pier light.			F. green.....	D, p..	61	4
1945	SOUTHAMPTON GAS BUOY.	In 22 feet, off N. end of Chantry Island bank.	44 30 34	81 23 41	Occ. white.....	D, gas.....		
1947	LYAL ISLAND.....	On W. side of Island..	44 57 10	81 25 10	Rev. white, 15 seconds.	C.....	51	12
1948	STOKES BAY	Front light on N.W. extreme of most westerly Knife Island.	44 58 2	81 23 30	F. white.....	C.....	30	10
1949		Back light on mainland on E. shore of bay, 4,250 feet N. 74° E. from front light.			F. white.....	C.....	61	13
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	SOUTH BAYMOUTH..	On S. E. end of small limestone island lying on the N. side of the mouth of the bay.	45 33 27	82 0 50	F. white.....	D, 7..	28	10
1956		On Manitoulin Island 772 ft. N. 28° E. from front tower.			F. white.....	C.....	46	12
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				

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; red octagonal iron lantern.	27	1877	.....	Front light visible from all points of approach.	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, 23 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 $\frac{1}{4}$ mile southwestward from south side of mouth of Saugeen River. Maintained by Corporation. Lifeboat station on the beach, $\frac{1}{4}$ mile southward of the mouth of Saugeen River.	1942 $\frac{1}{2}$
White, square, wood..	31	1883 Tower 1903	.....	Front light visible from all points of approach by water; back light visible in, and over a small arc on each side of, the line of range.	1943
White, square, wood..	31	Tower 1903	.....	Lights in one guide small vessels into mouth of Saugeen River through narrow dredged channel 8 ft. deep.	1944
Red steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.	.....	1907	.....		1945
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.	1948
Brown, square, steel skeleton tower; enclosed upper part white, wood.	64	1904	.....	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.	1949
White, circular, stone. Stone dwelling connected to tower by wooden shed.	85	1859	Diaphone, operated by compressed air, gives 3 blasts of 2 $\frac{1}{2}$ secs., with intervals of 2 $\frac{1}{2}$ secs. between them, in each minute.	Mariners without local knowledge should not attempt to reach the wharves at night. 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, octagonal, wood; red, octagonal iron lantern.	42	1904	Hand horn answers signals from vessels.	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 $\frac{1}{3}$ miles; and the S. extreme of Outer Duck Island, N. 32 $\frac{1}{2}$ ° E. 1 $\frac{1}{2}$ miles.	1960

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.
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.	D, 4. . .	46	13
		For North Channel lights see No. 2068.						
		For St. Mary River lights see No. 2118.						
		Cove Island.—See above No. 1953.						
1968	TOBERMORY.	Water's edge, W. side of entrance.	45 15 35	81 40 25	F. red.	D, 7. . .	40	8
1969	FLOWERPOT ISLAND.	Northeasternmost point of Island.	45 18 30	81 36 48	F. white.	D, 7. . .	88	15
1971	CABOT HEAD.	On cliff $\frac{1}{2}$ mile E. from entrance to Wingfield Basin.	45 14 45	81 17 25	Gp. rev. white, 3 flashes 20 seconds apart, then eclipse 40 secs. Complete revolution 80 secs.	C	80	14
1970	LIONS HEAD HARBOUR.	On outer end of break-water at N. entrance.	44 59 31	81 14 55	F. red.	C	20	6
1972	SURPRISE SHOAL, G A S, 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 the point $\frac{1}{2}$ mile southeastwardly from Cape Croker.	44 57 27	80 57 35	Fl. white. Flash .25 sec. Eclipse .75 " Flash .25 " Eclipse 3.75 "	D, 3. . .	67	13
1975	WIARTON.	Near outer end of break-water, head of Colpo Bay.	44 45 08	81 8 10	In every 5'00 " 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

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 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; red octagonal iron lantern. White rectangular wooden fog alarm building with red roof.	28	1873	Diaphone, operated by compressed air, gives two blasts of 3 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
White, hexagonal, wood red iron lantern.	43	1885			1968
White, square, wood, red lantern rising from red roof of building. White rectangular wooden fog alarm building.	31	1897 Diaphone 1908	Diaphone, operated by compressed air, gives one blast of 4 secs. duration every minute.	Visible between the bearings E. by S. $\frac{1}{4}$ S. through S. to W. by N. $\frac{1}{4}$ N. Fog alarm building 50 feet east of lighthouse. Horn, elevated 50 feet above water, projects from north side of fog alarm building.	1969
White, square, wood, with dwelling attached, red polygonal, iron lantern. White rectangular wooden fog alarm building.	54	1896	Diaphone, operated by compressed air, gives two blasts of 3 secs. duration each every minute, thus: blast 3 secs., silent 3 secs., blast 3 secs., silent interval 51 secs.	Fog alarm building about 200 feet east of lighthouse. Horn, elevated 20 feet above water projects from northeast end of fog alarm building.	1971
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
Octagonal reinforced concrete tower; red circular metal lantern. White rectangular wooden fog alarm building with red roof.	53	1902 Tower 1909	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 150 ft. N. 44° E. from 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

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.
1979	PRESQU'ILE	Near McKenzie's wharf, Owen Sound, Georgian Bay.	44 41 48	80 54 25	F. white.....	C.....	31	10
1981		East side of mouth of Sydenham River.	44 34 43	80 56 19	F. white.....	C.....	50	12
1982	OWEN SOUND.....	1,060 ft. S. 21° W. from front tower.			F. white.....	C.....	80	14
1983	MEAFORD BREAK-WATER.	On outer end of break-water on N. side of entrance.	44 36 55	80 35 10	Occ. white.....	D..... acetylene.	20	8
1985		Front light on outer end of E. pier.			F. white, electric (incandescent).			
1986	MEAFORD.....	Back light on edge of wharf in front of elevator, 1,100 feet S. 10° W. from front light.			F. red, electric. (incandescent).			
1987		Front light on E. side of outer end of W. breakwater pier.	44 34 10	80 27 10	F. white.....	D, 7..	32	7
1988	THORNBURY	Back light on W. side of Beaver River, 376 feet S. by W. $\frac{1}{2}$ W. from front light.			F. red.....	D, 7..	36	7
1990	NOTTAWASAGA ISLAND.	2 miles N.W. of Collingwood Harbour.	44 32 20	80 15 50	Rev. white, every 19 seconds. (See remarks column.)	D, 2..	86	17

ONTARIO—Continued.

AND NORTH CHANNEL—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood..	27	1873	Hand horn answers signals from vessels.		1979
Black square steel skeleton tower, with white wooden slatwork on side facing channel, surmounted by white wooden watchroom and red octagonal iron lantern. Vertical black stripe on front face of tower.	50	Mov'd 1895 re-built 1909		Lights visible in the line of range. N.B.—There are ranges for ascertaining compass errors at this port. Particulars can be obtained from Harbour Master.	1981
Square galvanized steel skeleton tower, with white wooden slatwork on upper portion of side facing channel, surmounted by white wooden watchroom and red octagonal iron lantern. Red vertical stripe on front face of tower.	82	Mov'd 1895 re-built 1909		Lights can be brought in one as soon as seen, and kept until front light is 900 feet distant, when haul up for entrance leaving both on port hand.	1982
Cylindrical steel gas-holder, surmounted by a lantern.		1906		Visible from all points of approach. Light is unwatched.	1983
Lamp on a pole, with white diamond-shaped slatwork daymark attached.	20	1903	Hand horn on W. pier answers signals from vessels.		1985
Lamp on a pole, with white diamond-shaped slatwork daymark attached.	30	1907			1986
Lantern on mast, with drab shed at base.	25	1887		Front light visible from all points of approach by water, back light visible in line of range.	1987
Lantern on mast with drab shed at base.	29	1901		The two lights in one, bearing S. by W. $\frac{1}{2}$ W., lead in through centre of dredged channel to entrance between breakwater piers.	1988
White, circular, stone.	85	1859	Hand horn answers signals from vessels.	Red sector covering an arc of 30° S.W. from 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

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.
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	
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	F. white.....	D, 7..	40	11
2007		On N. end of Brébeuf Island.	44 52 32	79 53 3	F. white.....	D, 6..	40	10
2008	BRÉBEUF RANGE..	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.
Black, steel, cylindrical buoy, surmounted by a pyramidal steel frame supporting the 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		Lifeboat at inner end of Grand Trunk Railway pier.	1996
White, circular, stone.	60	1859	Hand horn answers signals from vessels.		2000
White, square, wood, with dwelling attached.	57	1884 Fog alarm 1908	Diaphone, operated by compressed air, gives 2 blasts of 3 seconds duration each every 30 seconds, thus: blast 3 secs.; silent 3 secs.; blast 3 secs.; silent interval 21 secs.	Shows all around, except where intercepted by trees on island. Fog alarm building 40 feet N. 11° W. from lighthouse. The horn, elevated 23 feet above the water, points N. 42° E.	2002
White rectangular wooden fog alarm building, with high reinforced concrete chimney, roof green.	37	1893		Visible from all points of approach by water.	2004
White, square, wood; red polygonal iron lantern.	36	1900		Visible from all points of approach by water. The two lights in one, bearing S. 86° E., lead in from outside Bennet Bank to alignment of Midland Point range.	2007
White, square, wood, red roof; on cribwork foundation.	42	1900			2008
White, square, wood, on concrete pier; lantern red.	33	1900		Visible from all points of approach by water. The two lights in one lead in S. 17° E. from intersection of alignment of 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.	2009
White, square, wood; lantern red.	43	1900			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....	Incan- descent.	150	4
2013		Back light 1,320 feet S. 56° W. from front light.			F. red, electric....	Incan- descent.	190	4
2015	WHISKY ISLAND.....	Entrance to Penetanguishene Harbour.	44 48 53	79 55 12	F. white.....	D, 7.	33	11
2016	PENETANGUISHENE..	On outer end of Reformatory pier.	44 48 28	79 55 55	F. white.....	D, p..	17	8
2018	WESTERN ISLANDS..	On Double Top Rock..	45 2 48	80 21 31	Fl. white. Flash every 15 secs.	D, 4.	74	14
2020	LONE ROCK GAS AND WHISTLING BUOY.	300 feet from rock, Wabuno Channel.	45 9 12	80 13 55	Occ. white.....	D, gas		
2023	SEGUIN BANK GAS AND WHISTLING 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.. acety- lene.	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	SNUG HARBOUR RANGE.	On the westernmost Walton Island.	45 22 18	80 19 38	F. red	C	39	7
2027		On S. extremity of island on N. side of entrance to harbour. 3,100 feet E. by N. $\frac{1}{4}$ N. from Walton Island light.	45 22 27	80 18 58	F. white.....	C	62	13
2027 $\frac{1}{2}$	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
2029	JONES ISLAND RANGE.	On summit of northernmost Gordon Rock.	45 18 56	80 17 15	F. red	C	40	7
2030		On S. W. point of Jones Island, 2,900 yards S. E. $\frac{1}{4}$ S. from Gordon Rock light.	45 18 0	80 15 42	F. white.....	C	63	8

ONTARIO—Continued.

AND NORTH CHANNEL—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
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 cylindrical buoy, surmounted by a pyramidal steel frame supporting the whistle and lantern.	.....	1889 Gas 1904	Whistle sounded by motion of buoy on the waves.	Buoy must be kept on starboard hand in going northward.	2020
Black, steel cylindrical buoy, surmounted by pyramidal steel frame supporting the whistle and lantern.	.....	1898 Bell 1904	Whistle sounded by motion of buoy on the waves.	.....	2023
White, octagonal, wood, on pier. Tower rising from middle of dwelling roof.	44	1870 re-mov'd 1881 1904	Hand-horn answers signals from vessels.	.....	2024
Red, steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.	.....	.....	.....	.....	2025
White, square, wood.	29	1894	.....	These two in one lead in E. by N. $\frac{1}{2}$ N. south of Seguin bank through main channel to intersection with Jones Island range.	2026
White, square, wood, rising from roof of rectangular dwelling.	50	1894	.....		2027
Red, steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.	.....	1904	.....	.....	2027
Red, cylindrical steel buoy, surmounted by a pyramidal steel frame supporting the lantern.	.....	1898	.....	.....	2028
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. These two in one lead in S. E. $\frac{1}{2}$ 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.	2029
White, square, wood, rising from roof of rectangular dwelling.	50	1894	.....		2030

PROVINCE OF

LAKE HURON, GEORGIAN BAY

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
2032	SPRUCE SHOAL BEACON.	On shoal near its S. extremity.	45 19 55	80 15 49	F. white.....	D.... acetylene.	39	11
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
2037	THREE MILE POINT.	On the point.....	45 20 48	80 5 30	F. white.....	D.... acetylene.	38	7
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.
Octagonal reinforced concrete tower surrounding a black cylindrical steel gas-holder rising out of it, surmounted by a black square steel box and a lantern. The tower stands on an octagonal reinforced concrete pier with battered sides.		1908		Spruce Shoal light is unwatched.... 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 shoal light ahead bearing E. $\frac{3}{4}$ S. and Hooper Island shoal gas buoy astern. Pass 100 yards south of Spruce shoal light and head up for the centre of Davy Island E. by N. $\frac{1}{2}$ 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		Visible from all points of approach by water. Light is unwatched.	2033
White, cylindrical, steel gasholder, surmounted by red, square steel box and a red lantern.		1904		Visible over an arc of 180° from S. through E. to N.	2035
White, square, wood..	28	1898		Visible from all points of approach. Light is unwatched.	2036
Grey cylindrical steel gasholder rising from concrete base, and surmounted by red pyramidal steel frame supporting the lantern.		1908		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.	2037
		1897			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....	93	10
2045	BYNG INLET GAS BUOY.	In 9 fathoms, 1½ mile westward of Maganawan Ledges.	45 43 49	80 45 27	Occ. white.....	D, gas.....		
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, ¾ mile N.E. by E. ¼ E. from Gereaux Island light.	45 45 5	80 38 56	F. red.....	C....	34	8
2048		Back range, 1,520 feet N. 81° E. from front.			F. red.....	C....	60	8
2051	BUSTARD ROCKS, BACK RANGE.	On a rocky islet, 2½ 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. ¼ 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., 5,178 ft. from Lefroy Island light; and 348 ft. N. 56° E. from head of creek.			F. red.....	C....	37	6
2059	LONELY ISLAND.....	On summit of N. bluff..	45 34 27	81 28 11	Fl. white..... Group of 3 flashes every 7½ seconds. (Flashes at intervals of 1½ sec., followed by an eclipse of 4½ secs.)	D, 3..	195	20

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
Square galvanized steel skeleton tower; with white, wooden slat-work on side facing channel; enclosed upper part, white, wood. Black vertical stripe on front face of tower.	81	1889 reb'lt 1908	.....		2043
Red steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern	.....	1909	.....	In the alignment of Byng inlet range lights.	2045
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	49	1890	.....	
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	.....	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.	2053
White, square, wood, open framework.	13	1875	.....		2054
White, square, wood, surmounted by square red wooden lantern.	33	1875 reb'lt 1893	.....	To the S. the light is obscured by the land between N. 27½° W. and N. 52° E.	2055
White, octagonal, wood; red circular metal lantern.	57	1870 re-built. 1907	Hand horn answers signals from vessels.		2059

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.
2062	KILLARNEY EAST, ...	On Red Rock Point, one mile E. of Killarney.	45 58	4 81 29 28	F. white.....	D, 7..	42	11
2065	KILLARNEY WEST...	On Partridge Island, one mile N. W. of Killarney.	45 58 57	81 32 5	F. white	C	50	10
2068	MANITOWANING.....	On the hill in the village, Manitoulin Island.	45 44 42	81 48 27	F. white.....	D, 7..	80	14
2069 2069 ½	} SHEGUIANDAH	Range lights to be established						
2070	STRAWBERRY ISLAND	Northernmost point...	45 58 23	81 51 25	F. white	C ...	40	11
2071	LITTLE CURRENT..	Front light near shore in village.	45 58 52	81 55 41	F. red.....	D, 7..	25	6
2072		Back light on high ground, S. of the front light.			F. red.....	D, 7..		1
2073	SPIDER ISLAND.....	On E. extremity of Spider Island.	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, 1½ mile S. E. ¼ E. from Spanish River Lumber Co's Mill on Aird Island.	46 7 26	82 20 22	F. red	D, 7..	41	6
2084	CUTLER.....	Front light on outer end of wharf.	46 11 50	82 27 50	F. red	D, p..	20	3
2085		435 feet N. 24° E. from 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	Hand horn answers signals from vessels.	At N. side of channel leading into Killarney Harbour from the eastward.	2062
White, square, wood..	20	1866	.....		2065
White, square, wood, iron lantern red.	38	1885	.....	.....	2068
.....	.....	.....	.....	.....	2069
.....	.....	.....	.....	.....	2069
White, square, wood, with dwelling attached.	44	1881	Hand horn answers signals from vessels.	.....	2070
Lantern on roof of Mr. B. H. Turner's warehouse.	.....	1866	.....	Lights in one lead through the axis of the deepest cut from deep water abreast of Spider Island lighthouse to the wharves in Little Current or to the turn in front of the town. The front light is also visible from the eastward.	2071
Lantern on a pole.....	.....	1907	.....		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't 1902	Hand horn answers signals from vessels.	Visible from all points of approach by water.	2075
.....	.....	.....	.....	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.	.....
White, square, wood..	35	1866	Hand horn answers signals from vessels.	.....	2079
White, square, wood, with red lantern.	27	1888 ch'ged. 1894	.....	.....	2082
White, square, wood..	39	1885	.....	.....	2083
Lantern on roof of red freight shed.	.....	1904	.....	Lights maintained by Messrs Loveland and Stone.	2084
Lantern on white washed day beacon consisting of boards nailed to a mast.	.....	1904	.....	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.	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. BLIND RIVER. EDDY WHARVES RANGE.	Front light on outer end of Government wharf at Harriette Point.	46 10 42	82 57 43	F. red, electric ...	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, electric....	D, 7..	40	7
2093		Front light on elevated way W. of Eddy W. wharf.	46 10 42	82 57 54	F. red, electric.....	.....	35	7
2094		Back light 295 feet N. 70° E. from front light	.....	.....	F. red, electric.....	.....	50	7
2095	MISSISSAGI ISLAND.	On S. end of Island....	46 6 23	83 0 31	Rev. white, every minute.	C.....	53	12
	MISSISSAGI STRAIT.	See above No. 1964.						
2097	TOLSMVILLE.....	On outer end of government wharf.	45 57 36	83 19 6	F. white	D, p..	20	9
2099	SULPHUR ISLAND....	S. end of Island. ...	46 8 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	.....		2093
Lamp on W. end of ridge of roof of Eddy Bros. office building.	.....	1905	.....	Lights mark axis of dredged channel from deep water to Eddy Bros. wharves. Whenever electric power plant is inoperative, fixed red oil lights will be temporarily substituted.	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 rebi'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	On eastern end of island.	46 16 54	83 46 53	F. white	D, 6		11
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, $\frac{1}{2}$ mile S. W. of Wilson channel.	46 19 6	83 59 35	F. white	D, 7	32	10
2110	RICHARDS LANDING	On the wharf	46 17 44	84 2 12	F. white	C	16	3
2112	SHOAL ISLAND	On N. extremity S. side of channel.	46 18 51	84 4 30	F. white	D, 7	32	11
	FRYING PAN ISLAND	U. S. Lights.						
	PIPE ISLAND							
	SWEETS POINT							
	ROUND ISLAND							
	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	C	21	2
2119	RAINS WHARF RANGE	436 ft. S. E. $\frac{1}{2}$ E. from front light.			F. red	C	26	2

ONTARIO—Continued.

MARY.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Lantern rising from roof of white square wooden dwelling.	34	1907			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.	28	1905		Front light visible from all points of approach by water; back light visible in the line of range. 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..	28	1905			
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. $\frac{1}{4}$ 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	35	5
2121		807 feet, N. 20° E. from front light.	.....	.....	F. white	C	33	
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.							
	HEN AND CHICKENS (NEBBISH ISLAND) RANGE.	U. S. Lights.						
	STRIBLING POINT GAS BUOY.							
	HAY LAKE CHANNEL ENTRANCE GAS BUOY.							
	HARWOOD POINT RANGE.							
<p>29 United States lights in Hay Lake Channel between this point and the Sault. For North Channel lights, read upwards from No. 2112.</p>								
2140	LOWER TURNING BUOY.	Near black buoy at turn from canal into river.	.....	.....	F. white . . . . .	.....	6	2

ONTARIO—Continued.

MARY—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood; lantern roof red.	33	1892 mov'd 1900 Tower 1909	.....	Lights visible in the line of range. Ascending, the lights kept in one ahead, N. 20° E., indicate middle of dredged channel from Mud Lake turning gas buoy to alignment of Point of Woods range.	2120
White, square, wood; lantern roof red.	33	1892 mov'd 1900 Tower 1909	.....		2121
White, square, wood..	33	1900 Tower 1902	.....	Front light visible from all points of approach by water. Back light visible in the line of range.	2125
White, square, wood; white, octagonal, wooden lantern.	23	1900 Tower 1902	.....	The lights in one, bearing S. 65° 48' E., lead through centre of Middle Neebish dredged channel from the intersection of their alignment with alignment of lower Hay Lake range to the intersection of their alignment with alignment of Harwood Point range.	2126
Lantern on superstructure 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
2147	UPPER ENTRANCE GAS BUOY.	On northern edge of channel, 1,000 ft. eastward of Canadian canal upper entrance front range light.			Occ. white.....	D, gas		
2148	CANADIAN CANAL, UPPER ENTRANCE RANGE.	On cribwork beacon at turn in approach to canal.	46 30 39	84 21 43	F. red, electric... (Incandescent.)	C....	39	2
2149		On E. extremity of Davignon Pt., 2,100 feet N. E. ½ E. from front light.			F. red, electric... (Incandescent.)	C....	61	2
2151	UPPER TURNING GAS BUOY.	On southern edge of dredged curve, opposite beacon.			F. white.....	D, gas		2
2151 ½	VIDAL SHOAL EAST GAS BUOY.	On northern edge of Canadian channel at lower end of shoal.			Occ. white.....	D, gas		
2152	VIDAL SHOAL WEST GAS BUOY.	Western end of Vidal shoal; on northern edge of Canadian channel.			Occ. white.....	D, gas		2
2153	VIDAL SHOAL SOUTH-WEST GAS BUOY.	Western end of shoal; on southern edge of Canadian channel.			F. white.....	D, gas		
2156	POINTE AUX PINS RANGE.	Front light on N. extremity of point, 1,200 feet N. 7° E. from main light.	46 28 5	84 27 41	F. white.....	C....	28	4
2157		Back light, 920 feet S. 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
Red steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.		1909			2147
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
Black steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.		1898 Gas buoy 1907		To show turn at upper entrance of canal.	2151
Red steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.		1909			2151 1/2
Red steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.		1898 Gas buoy 1907		To mark outer edge of Vidal shoal.	2152
Black steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.		1909			2153
White, square, wood..	31	1903		Lights visible in the line of range. Lights in one, bearing S. 54 1/2° W. lead up from intersection of their alignment with the alignment of the Vidal Shoals Channel (American) range to a point abreast of Footes Dock.	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, 5..	61	13
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, 30 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, $\frac{1}{2}$ minute.	C.....	105	16
2180	JACKFISH BAY.....	On S. W. extremity of island in entrance to Jackfish Bay.	48 47 16	86 56 33	F. white.....	D, 6..	39	11
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, $\frac{1}{2}$ 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
White, square, wood; red octagonal iron lantern.	32	1901 reb't 1908	.....	Visible from all points of approach by water.	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. Lantern on red square steel skeleton tower.	56	1891	Hand horn answers signals from vessels.	Vessels entering harbour leave light ¼ mile on port hand. There is good water throughout entrance.	2179
	14	1907	.....	Visible from all points of approach lakeward. Light should be given a berth of at least a cable in passing. Light is unwatched.	2180
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; white rectangular wooden fog alarm building.	36	1873 Fog alarm 1908	Diaphone, operated by compressed air, gives one blast of 2½ secs. duration every minute.	Fog alarm building 25 feet north-eastward of lighthouse. Horn, 29 feet above water, projects from southeast end of fog alarm building.	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	D, 7..	10	2
2190		Back light on the wharf, 116 feet N. 50° E. from front light.	.....	.....	F. white	D, 7..	16	2
2192	THUNDER CAPE.....	Entrance to Thunder Bay.	48 18 23	88 56 40	Fl. white Flash every 15 secs.	D, 4..	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 NORTH GAS BUOY.	On outer end of northern edge of dredged channel at mouth of Kaministikwia River.	48 23 53	89 11 55	Occ. white	D, gas . . . . .	.....	.....
2195	FORT WILLIAM SOUTH GAS BUOY.	On outer end of southern edge of dredged channel at mouth of Kaministikwia River, opposite north gas buoy.	.....	.....	F. white	D, gas . . . . .	.....	.....
2197	KAMINISTIKWIA.....	On Empire Elevator Wharf, north side of channel.	48 23 41	89 12 48	F. red	D, 7..	25	10
2198	PORT ARTHUR GAS BUOY.	In 5 fathoms, in prolongation of northeastern 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 Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Lantern on a post.....	12	1869	.....	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. White rectangular wooden fog alarm building.	33	1906 Fog alarm 1908	Diaphone operated by compressed air, gives 2 blasts of 2½ secs. duration each every 70 secs, thus: blast 2½ secs.; silent 5 secs.; blast 2½ secs.; silent interval 60 secs.	Visible from all points of approach by water. Fog alarm building 50 feet north-eastward of lighthouse. Horn, 90 feet above water, points to the eastward.	2193
Red, steel, cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.	.....	1903 moved 1908	.....	.....	2194
Black steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.	.....	1908	.....	.....	2195
Lantern on a white pole, white shed at base.	.....	1908	.....	.....	2197
Red, steel, cylindrical buoy, surmounted by a can-shaped slat-work 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 lighthouse.	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 erec'd 1887	Hand horn answers signals from vessels.	Moved 1904 Visible from all points of approach on the inside channel and from the westward.	2204

PROVINCE OF ONTARIO—

LAKE

No.	Name.	Location.	Latitude. N	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather.
2207	FOX ISLAND.....	.....	44 18	0 79 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, 6..	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 Maganatawan Village.	45 39	9 79 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
2220	STURGEON RIVER GAS BUOY.	In 15 feet, on east side of south end of dredged cut off mouth of river.	46 14	0 79 54 36	Occ. white.....	D, gas	8	.....

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 7	94 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 1905		Visible from all points of approach by water.	2210
White, square, wood, iron lantern red, standing on a cribwork pier.	26	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
Red steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.		1907			2220

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 Kee watin Lumber Companies. Marks end of shoal off sand hills at mouth of river.	2231
White, square, wood, on square cribwork pier.	27	1886 reb'lt 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'lt 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
2249	WARREN LANDING LOWER RANGE.	Front light on S. W. end of island opposite Warren Landing, mouth of Nelson River	53 42 48	97 52 15	F. white.....	D, 7..	32	11
2249 ½		Back light ¼ mile N. 19° E. from front light.			F. white.....	C.....	38	11
2249 ½	WARREN LANDING UPPER RANGE.	Front light at Warren Landing, W. side of mouth of Nelson River.	53 42 33	97 53 26	F. white.....	D, 7..	33	11
2249 ¾		Back light on E. shore of Nelson River, ¾ miles N. 10° W. from front light.			F. white.....	C.....	42	11

MANITOBA.

WINNIPEG.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
White, square, wood, with vertical red stripe on side facing the channel. Lantern red.	45	1895	.....	The two lights in one lead to the entrance of the curved channel, which is marked by beacons.	2240
White, square, wood. Upper part closed, lower part open.	30	1895	.....		2241
White, square, wood ..	27	1898	.....	Visible from all points of approach by water.	2243
White, square, wood ..	27	1898	.....	Visible from all points of approach by water.	2245
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
White, square, wood..	25	1908	.....	Lights visible in the line of range. Lights in one, bearing N. 19° E., lead up from Lake Winnipeg to the intersection of their alignment with that of Warren Landing upper range lights, one mile southward of Warren Landing.	2249
White, square, wood..	30	1908	.....		2249
White, square, wood..	31	1908	.....		2249
White, square, wood..	40	1908	.....	Lights visible in the line of range. Lights in one, bearing N. 10° W., lead up from the intersection of their alignment with that of Warren Landing lower range lights to Warren Landing.	2249

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	128 238	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 ace y- lene.	53	12
2258 ‡	KYUQUOT CHANNEL GAS AND WHISTLING BUOY.	In 25 fathoms, on E. side of Kyuquot channel, in the entrance to Kyuquot sound.	49 56 9	127 17 32	Occ. white	D, gas		
2259	ESTEVAN POINT	At Hole-in-the-Wall, southwest extremity of Estevan Point.	49 22 5	126 32 22	Occ. white, temporarily visible 3 seconds, eclipsed 8 secs.	D, 4 acety- lene.	25	6
2259 ‡	HESQUIAT HARBOUR WHISTLING BUOY.	In 12 fathoms, at entrance to harbour.	49 22 45	126 27 0				
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
2262 ‡	CAROLINA CHANNEL WHISTLING BUOY.	In 25 fathoms, off Amphitrite Point.	48 54 57	125 33 23				

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
White steel cylindrical tank, surmounted by a white pyramidal steel frame supporting the lantern; white steel framework foundation.		1906		Visible to the southward and eastward. Light is unwatched.	2258
Red steel cylindrical buoy, surmounted by a red pyramidal steel frame supporting the whistle and lantern.		1907	Whistle sounded by motion of buoy on the waves.		2258 ‡
Lantern on a wooden platform enclosing a gas tank, temporarily.		1907 Fog alarm 1908	Diaphone, operated by compressed air, gives one blast of 5 secs. duration every minute.	Wireless telegraph station. Available for communication with vessels equipped with any system of wireless apparatus. Call U. S. D. The 300 metres wave length should be used.	2259
Iron buoy, painted in black and white vertical stripes, surmounted by a 10-inch whistle.		1907	Whistle sounded by motion of buoy on the waves.		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.		2262

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.
2262	SWALE ROCK	On E. end of rock, E. entrance of Sechart channel.	48 55 40	125 13 12	F. white.....	D.....	25	10
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.....	On the point, on the top of the bank.	48 43 40	125 6 20	Fl. white..... Flash .44 sec. Eclipse 1'20 " Flash .44 " Eclipse 5'36 " In every 7'44 "	D, 1...	200	20
2264 $\frac{1}{2}$	SWIFTSURE BANK LIGHTSHIP.	On the bank in 26 fathoms, 13 $\frac{1}{4}$ miles N. 75° W. from Cape Flattery lighthouse.	48 31 50	124 59 30	One F. white from mainmast (3 lanterns encircling mast). One F. red from foremast (3 lanterns encircling mast).	D..... D.....	50 30	.....
2265	CARMANAH	On point 2 miles W. by N. $\frac{1}{2}$ N. from Bonilla Point.	48 36 25	124 45 56	Fl. white..... Flash every 3 sec.	D, 3...	173	19
	CAPE FLATTERY.....	U.S. light on Tatoosh island.	48 23 30	124 44 6	Fixed white with a fixed red sector.	.....	.....	.....
	NEAR 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.	.....	.....	.....

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 white wooden framework.	.....	1906	.....	Visible from all points of approach. Light is unwatched.	2262
White, square, wood, with dwelling attached.	42	1874 Fog alarm 1908	Diaphone, operated by compressed air, gives one blast of 4 seconds duration every 94 seconds.	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. Fog alarm building in front of and below lighthouse.	2263
White square wooden fog alarm building with red roof.	.....	.....	.....	Fog alarm building in front of and below lighthouse.	.....
White, octagonal, wood; red circular metal lantern. White rectangular wooden double dwelling with a hip roof northeast of lighthouse. White square wooden fog alarm building with red roof.	66	1907 Tower 1908	Diaphone, operated by compressed air, gives two blasts of 3 seconds duration each every 96 secs., thus: blast 3 secs.; silent 4 secs.; blast 3 secs.; silent interval 86 secs.	Wireless telegraph station. Available for communication with vessels equipped with any system of wireless apparatus. Call K.P.D. The 300 metres wave length should be used. Light visible from all points of approach by water. Fog alarm building 100 feet back from high water mark, and 600 feet S. 62° E. from lighthouse.	2264
Flush deck, steam vessel, two red masts, schooner-rigged, no bowsprit; white oval hoop iron day mark at each masthead; yellow hull with "Swiftsure" in black on each side, and "93" in black on each bow and each quarter; black smokestack and the steam whistle between the masts.	.....	1909	Steam whistle gives 2 blasts of 2 seconds duration each every 30 seconds, thus: blast 2 secs.; silent 2 secs.; blast 2 secs.; silent interval 24 secs.	Maintained by the United States Government. Should the steam whistle be disabled the ship's bell will be rung by hand.	2264 $\frac{1}{2}$
White, square, wood, red iron lantern, with white dwelling attached. Fog-alarm building in front of and below tower.	47	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
.....	.....	.....	12-inch steam whistle; blast 8 sec., silent interval 52 secs.	.....	.....

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.
2266	PORT SAN JUAN GAS AND WHISTLING BUOY.	In 19 fathoms at entrance.	48 31 35	124 30 0	Occ. white.....	D, gas.....		
	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.....			
2269	WILLIAM HEAD QUARANTINE STATION.	Extreme of William Head, 90 feet from high water mark. 30 feet S. by W. $\frac{1}{2}$ W. from front light.	48 20 23	123 31 45	F. red.....		30	4
2270					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

BRITISH COLUMBIA—Continued.

NAVIGATION—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Black steel cylindrical buoy, surmounted by a black pyramidal steel frame supporting the whistle and lantern.		1905 Gas 1907	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
			Compressed air siren gives one blast of 5 secs. duration every 45 secs.		
Lantern on mast		1898		Maintained by Department of Agriculture.	2269
Lantern on mast		1898		Entering quarantine, proceed northward until the two mast lights are abaft the beam, then proceed westwardly until they are in one, which will define the limit of the quarantine anchorage.	2270
White circular, brick. Red brick dwelling attached.	56	1861		Shows white in fair way between bearings N. $\frac{1}{4}$ W. and N. W. by W. $\frac{1}{4}$ W. and clears all offlying dangers. Shows red from N. W. by W. $\frac{1}{4}$ W. to S. $\frac{1}{4}$ E. in Esquimalt harbour, and to vessels bound for Victoria or Esquimalt from the eastward after rounding Trial Island, it will indicate their distance from shore. If bound to Esquimalt a W. S. W. course leads outside of 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. $\frac{1}{4}$ E. into Esquimalt harbour.	2272
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

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.
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't	10	3
2279	MIDDLE ROCK BEACON.	In Victoria Harbour...	48 25 22	123 23 20	F. white.....	D..... electric incandes't	10	3
2280	LAUREL POINT.....	In Victoria Harbour, at the northwest extremity of point.	48 25 23	123 23 2	F. red.....	Electric incandes't	25	1
2281	TRIAL ISLANDS.....	On southwest side of southernmost island.	48 23 36	123 18 45	Fl. white..... Group of 2 flashes, with short interval between them, every 10 seconds.	D, 4..	85	15
2281 $\frac{1}{2}$	LEWIS REEF.....	On reef.....	48 25 24	123 17 11	Occ. red.....	D, 7..	30	7
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 DUNGNESS....	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.....			

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, dwelling attached. Bell tower on seaward side.	30	1876	Bell rung by machinery gives one stroke every 5 seconds.	Light bears from Brothie Ledge beacon N. 35° W. Shows red over Brothie 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 a pole.....	.....	1905	.....	Visible from all points of approach by water.	2280
Red circular metal lantern rising from red roof of white square wooden dwelling. White rectangular wooden fog alarm building with red roof	41	1906	Diaphone, operated by compressed air, gives 2 blasts of 2 secs. duration each, every 90 secs., thus: blast 2 secs.; silent 2 secs.; blast 2 secs.; silent interval 84 secs.	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
Red steel cylindrical tank, standing on a concrete base, and surmounted by a red pyramidal steel frame supporting the lantern.	.....	1908	.....	Visible from all points of approach. Light is unwatched.	2281 $\frac{1}{2}$
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. $\frac{1}{4}$ W. and N. E. $\frac{1}{4}$ N., remainder of circle fixed white. When the light changes from red to white the fairway is open, and the white light must be kept open. The red sectors do not cover Thames shoal nor the 2 $\frac{1}{2}$ -fathom patch on Five-fathom shoal.	2282
White, square, wood, dwelling attached. Fog-alarm building, wood, white, with brown roof.	47	1886	Steam horn gives blasts of 8 seconds, with intervals of one minute between them. First class, compressed air, automatic siren; blast 6 secs., silent 12 secs., blast 3 secs., silent 39 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

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.
2285	KELP REEFS BEACON	On the northeastern reef, Haro Strait.	48 32 56	123 14 40	Occ. white	D acetylene.	32	10
	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	Fl. white.....	.....	
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
2292	HELEN POINT GAS AND BELL BEACON.	On the point, Active Pass.	48 51 13	123 20 39	Occ. white.....	D, 7..	28	6
2293	ACTIVE PASS	On Georgina Point, Mayne Island, Strait of Georgia.	48 52 25	123 17 50	F. white	D, 6.. acetylene.	55	12
2293 $\frac{1}{2}$	GOSSIP SHOALS BELL BUOY.	Eastward of shoal off E. end of Gossip Island, eastern entrance to Active Pass.	48 53 6	123 18 16	.....	.....
2294	CROFTON	On the southeasternmost Shoal island, Osborn Bay.	48 53 0	123 37 47	F. white.....	D, 7..	33	10
2295	BARE POINT.....	On extremity of Point, Chemainus Bay.	48 56 0	123 42 10	F. white	D, 7..	36	13
2296	POBLIER PASS BELL BUOY.	In 17 fathoms, off E. entrance to Pobluer Pass, $3\frac{1}{4}$ cables S. 72° E. from S. point of Can e islet.	49 1 10	123 34 50	.....	.....

BRITISH COLUMBIA —Continued.

NAVIGATION—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Black steel cylindrical tank, standing on a black conical stone beacon, and surmounted by a black pyramidal steel frame supporting the lantern.		1907		Visible from all points of approach. Light is unwatched.	2285
			Daboll trumpet; blast 3 secs., silent 27 secs.		
Black steel cylindrical tank, surmounted by black pyramidal steel frame supporting a lantern; black 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. $\frac{1}{2}$ E. Light should not be approached from N. or W. within $1\frac{1}{2}$ miles.	2289
			Daboll trumpet; blast 2 secs., silent 18 secs.		
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
Red steel cylindrical tank, standing on a concrete base, and surmounted by a red pyramidal steel frame supporting the bell and lantern.		1908	Bell rung at irregular short intervals by an explosion of gas.	Light and bell are unwatched.	2292
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. $\frac{1}{2}$ 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
Black iron buoy, surmounted by a bell.		1907	Bell rung by motion of buoy on the waves.		2293 $\frac{1}{2}$
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
White, square wooden dwelling, with lantern on roof.	30	1897			2295
Iron buoy, painted in black and white vertical stripes, surmounted by a bell.		1907	Bell rung by motion of buoy on the waves.		2296

PROVINCE OF

PACIFIC COAST

No.	Name.	Location.	Latitude N.	Longitude W.	Characteristic of Light.	Character of Illuminating Apparatus.	Height in feet of Light above high water mark.	Miles seen in clear weather
2297	FORLIER PASS	Front light on Race Point, Galiano Island.	49 0 32	123 35 5	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	Occ. white.....	D, 7.. acetylene.	26	10
2303	DANGER REEF	On N. end of easternmost rock of reefs.	49 3 42	123 42 43	Occ. white.....	D..... acetylene.	25	9
2306	COFFIN ISLET	On islet at N. side of entrance to Oyster Harbour, Stuart Channel.	48 59 20	123 44 52	Occ. red.....	D..... acetylene.	29	7
2306	JOAN POINT	On the point, Dodd Narrows.	49 7 52	123 49 2	Occ. red.....	D..... acetylene.	26	6
	SEMIAHO	U.S. light in the bay...	48 59 32	122 46 58	F. red.....			
2307	ROBERTS BANK GAS, AND WHISTLING BUOY.	In 21 fathoms, off the extreme western shoulder of Roberts Bank.	49 5 20	123 18 50	Occ. white.....	D, gas	30	
2309	FRASER RIVER, SAND HEADS, LIGHTSHIP.	In 17 fathoms off main entrance to river.	49 6 56	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, 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
Red steel cylindrical tank, standing on a white concrete base, and surmounted by a red pyramidal steel frame supporting the lantern.	..	1900	.....	Visible from all points of approach Light is unwatched.	2300
Black steel cylindrical tank, surmounted by a black pyramidal steel frame supporting a lantern; black steel framework foundation.	.....	1904 re-built 1907	.....	Visible from all points of approach Light is unwatched. When passing southward light should be given a berth of at least 3 cables.	2303
Black steel cylindrical tank, surmounted by a black pyramidal steel frame supporting a lantern; black steel framework foundation.	.....	1903 re-built 1908	.....	Visible from all points of approach by water. Light must not be depended on. Light is unwatched.	2306
Black steel cylindrical tank, surmounted by a black pyramidal steel frame supporting the lantern; black steel framework foundation.	.....	1907	.....	Light is unwatched	2306 1/2
.....	.....	.....	Daboll trumpet; blast 3 secs., silent 4 secs., blast 3 secs., silent 20 secs.	.....	.....
Red steel cylindrical buoy, surmounted by a red pyramidal steel frame supporting the whistle and lantern.	.....	1905 Gas 1907	Whistle sounded by motion of buoy on waves.	.....	2307
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. white, red and green.			
2314	FRASER RIVER ENTRANCE TO NORTH ARM.	Westerly light, $\frac{1}{4}$ mile S. 5° E. from Point No Point.	49 14 6	123 15 2	F. white.	D, p..	20	9
		Easterly light, off N. entrance. $1\frac{1}{2}$ mile S. 55° E. from Point No Point.	49 13 38	123 13 33	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 GAS AND BELL BUOY	At entrance to Burrard Inlet, about $1\frac{1}{4}$ miles N. 27° W. from Grey Point.	49 17 0	123 15 50	Occ. white.	D, gas		
2316	PROSPECT POINT. . . .	Under bluff at Prospect Point, First Narrows, Burrard Inlet.	49 18 34	123 8 0	F. white.	D, 7..	28	10
2316	FIRST NARROWS $\frac{1}{2}$ BEACON.	On N. shore of W. entrance of First Narrows, Burrard inlet.	49 18 50	123 8 34	Occ. white.	D, 7.. acetylene.	25	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

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	.....	A white light at each end of swing protection, and a white light on each side of navigable channel. The draw is surmounted by a lantern showing a red light up and down the channel when the passage is closed, and green when the swing is open. To have draw opened steamers should give three long whistles.	2314
Lantern on small, white, square, wooden tower on platform supported on piles.	.....	1905	.....	Lights are unwatched.	2314
Lantern on small, white, square, wooden tower on platform supported on piles.	.....	1905	.....	Lights visible from all points of approach by water.	
White, square, wood, dwelling attached.	41	1875	Steam horn 300 feet from lighthouse, established 1888, sounds blasts of 8 seconds, with intervals of 1 minute between them.	Visible from the entrance to Burrard Inlet to an E. by N. $\frac{1}{2}$ N. bearing. Should not be brought to bear to westward of N. by vessels in the Strait, as this bearing will only lead clear of Sturgeon Bank, off Fraser River.	2315
Red steel cylindrical buoy, surmounted by a steel frame supporting the bell and lantern.	.....	1905 Gas 1909	Bell rung by motion of buoy on the waves.	.....	2315
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
Black steel cylindrical tank, standing on a wooden pile foundation, and surmounted by a black pyramidal steel frame supporting the lantern.	.....	1908	.....	Visible from all points of approach. Light is unwatched.	2316 $\frac{1}{2}$
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

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.
2323	GABRIOLA REEFS BEACON.	On Thrasher Rock, northeasterly extremity of Gabriola Reefs.	49 8 45	123 38 25	Occ. white.....	D.... acetylene.	30	10
2324	ENTRANCE ISLAND...	Nanaimo, Strait of Georgia.	49 12 30	123 48 45	F. white, with red sector of $7\frac{1}{2}$ ' over Gabriola reef.	D, 5...	65	14
2325	GALLOWES POINT FOG BELL.	On the point.....	49 10 25	123 55 28	.....	.....	.....	.....
2326	HARBOUR ENTRANCE BEACON, NANAIMO	S. side of entrance to Nanaimo Harbour.	49 10 12	123 55 31	Occ. white.....	D.... acetylene.	.....	3
2327	MIDDLE GROUND BEACON.	Nanaimo Harbour.....	.....	.....	F. white.....	D, p....	8	2
2327 $\frac{1}{2}$	WEST ROCKS	On summit of southwest islet.	49 13 10	123 55 37	Occ. white.....	D.... acetylene.	30	10
2327 $\frac{1}{2}$	HAMMOND BAY.....	On W. extremity of islet on E. side of entrance to bay.	49 13 36	123 57 18	F. white.....	.....	.....	.....
2328	SEECHULT.....	On White Islet	49 24 50	123 42 32	Occ. white.....	D.... acetylene.	36	6
2329	MERRY ISLAND.....	S. E. extremity of island, southeastern entrance to Welcome Pass.	49 28 5	123 56 11	F. white..... arily.	D, 7...	57	6
2330	LUND.....	On east end of south Ragged Island.	49 59 42	124 49 10	Occ. white.....	D, 7.... acetylene.	40	11

BRITISH COLUMBIA—Continued.

NAVIGATION—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Black steel cylindrical tank, standing on black square stone beacon, and surmounted by a black pyramidal steel frame supporting a lantern.		1907	.....	Visible from all points of approach. Light is unwatched.	2323
White, square, wood, with dwelling attached.	50	1876	Steam horn close to light house, to eastward, established 1894, sounds blasts of 8 seconds, with intervals of 45 seconds between them.	Light red from W. to W. $\frac{3}{4}$ 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
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
Black steel cylindrical tank, surmounted by a black pyramidal steel frame supporting the lantern; on black steel framework, on platform on piles painted black.		1892 reov'd 1901 re- built 1908	.....	Visible from all points of approach by water. Light is unwatched.	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
Red steel cylindrical tank, surmounted by a red pyramidal steel frame supporting the lantern; red steel framework foundation.		1907	.....	Lights is unwatched	2327 $\frac{1}{2}$
Lantern on a post.		1907	.....	Maintained by the Pacific Whaling Company.	2327 $\frac{1}{2}$
Red steel cylindrical tank, surmounted by a red pyramidal steel frame supporting the lantern; red steel framework foundation.		1904 re- built 1908	.....	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
Black steel cylindrical tank, surmounted by a black pyramidal steel frame supporting the lantern; black steel framework foundation.		1907	.....	Visible over an arc of 249° from S. 29° E. through W. and N. to N. 40° E. Light is unwatched.	2330

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.
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
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
2340	KELP BAR GAS AND BELL BUOY	In 8 fathoms, eastern entrance to crossing over Kelp Bar.	49 39 31	124 51 5	Occ. white.....	D, gas.....		
2343	CAPE MUDGE..	West extremity.....	50 0 5	125 13 18	F. white.....	D, 5..	32	10
2344	MAUD ISLAND....	On western side of island, Seymour Narrows.	50 7 28	125 20 41	Occ. red.....	D.....	25	6
2344	CHATHAM POINT GAS AND BELL BEACON.	Off Chatham point, on rock which dries 5 feet.	50 19 44	125 26 19	Occ. white.....	D, 7..	26	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. White rectangular wooden fog alarm building with red roof.	33	1900 Fog alarm 1908	Diaphone, operated by compressed air, gives one blast of 4 seconds duration every minute.	Visible all round the horizon. When bearing from S. 75° E. through S. to S. 21° W. light may be obstructed by trees. Fog alarm building on the N. point of the North Ballenas island.	2332
White square tower rising from corner of rectangular dwelling. Lantern red. White rectangular wooden fog alarm building with red roof.	36	1898 Fog horn 1908	Diaphone, operated by compressed air, gives 2 blasts of 3 secs. duration each every 90 secs., thus: blast 3 secs., silent 4 secs., blast 3 secs., silent interval 80 secs.	Fog alarm building close eastward of lighthouse.	2335
White, square, wood: whitewelling nearby. White rectangular wooden fog alarm building with red roof.	28	1890 changed 1898 Fog alarm. 1908	Diaphone, operated by compressed air, sounds 3 blasts of 2½ seconds, with intervals of 4 seconds between them, in every 112½ seconds.	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	2338
White, square, wood . . .	20	1898	.....	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. Fog alarm building on eastern extremity of island. Horn points to the eastward.	2339
White, square, wood, on concrete foundation 12 feet high.	27	1906	.....	Visible from all points of approach by water. There is a beacon on the outer edge of the reef, 200 feet S. 45° W. from the lighthouse. It consists of a pole with a latticework drum on top, painted white, rising out of a concrete foundation.	2341
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.	.....	2340
Red lantern rising from red roof of white square wooden dwelling.	30	1898	.....	Visible over an arc of 205° between the bearings of S. 48° E. through N. to N. 73° W.	2343
Red steel cylindrical tank, surmounted by a red pyramidal steel frame supporting the lantern; red steel framework foundation.	.....	1907	.....	Visible from all points of approach by water. Light is unwatched.	2344
Red steel cylindrical tank, standing on a concrete base, and surmounted by a red pyramidal steel frame supporting the bell and lantern.	.....	1908	Bell rung at irregular short intervals by an explosion of gas.	Visible from all points of approach. Light and bell are unwatched.	2344 ½

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.
2345	GILLARD ISLAND....	On N.E. extremity of island, Yuculta Rapids, Cardero Channel.	50 23 38	125 11 29	F. red.....	D.... acetylene.	28	2
2346	HADDINGTON REEFS GAS BUOY.	In 11 fathoms, S. end of reefs, Broughton Strait.	50 36 33	127 0 40	Occ. white.....	D, gas.....		
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
2354	ZERO ROCK.....	On rock, entrance to Rivers Inlet.	51 25 16	127 42 42	Occ. white.....	D.... acetylene.	38	11
2355	FOG ROCKS.....	On the largest rock, Fisher Channel.	51 58 24	127 56 17	Occ. white.....	D.... acetylene.	27	10
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.....	N. entrance, Main passage, Seaforth channel.	52 11 14	128 8 24	F. white with red sector.	D, 7..	36	5

BRITISH COLUMBIA—Continued.

NAVIGATION—Continued.

Colour and any peculiarity of Buildings.	Height in feet of Building from base to vane.	When established.	Fog-Signal.	Remarks.	No.
Red steel cylindrical tank, surmounted by a red pyramidal steel frame supporting the lantern; red steel framework foundation.	...	1907	.....	Visible from all points of approach by water. Light is unwatched.	2345
Black steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.	.....	1907	.....	.....	2346
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	1906	Bell rung by machinery gives on stroke every 30 seconds.	Visible from all points of approach by water. Bell suspended in a small white wooden tower on the extremity of the point.	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
White steel cylindrical tank, surmounted by a white pyramidal steel frame supporting the lantern; white steel framework foundation.	...	1907	.....	Visible from all points of approach. Light is unwatched.	2354
White steel cylindrical tank, surmounted by a red pyramidal steel frame supporting the lantern; white steel framework foundation.	...	1907	.....	Visible from all points of approach. Light is unwatched.	2355
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

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.
2359	DALL PATCH GAS AND WHISTLING BUOY.	In 7½ fathoms.....	52 12 57	128 11 5	Occ. white.....	D, gas	.....	.....
2360	IVORY ISLAND	On Surf point, Milbank sound.	52 16 15	128 25 50	F. white.....	D, 7..	66	13
2361	VANCOUVER ROCK GAS AND WHISTLING BUOY.	In 40 fathoms, ½ mile westward of the rock, Milbank Sound.	52 21 16	128 31 55	Occ. white.....	D, gas	.....	.....
2361½	BOAT BLUFF.....	On western side of Boat Bluff, Sarah Island.	52 38 42	128 32 48	Occ. white.....	D..... acetylene.	26	5
2361½	KLEWNUGGIT.....	On the northwestern rock of Morning Reef.	53 39 27	129 44 59	Occ. white.....	D..... acetylene.	25	10
2361½	WATSON ROCK ...	On the rock, western entrance to Grenville Channel.	53 55 43	130 9 56	Occ. white.....	D..... acetylene.	25	10
2361¾	KENNEDY ISLAND...	On Marked Free Bluff, northern end of island	54 5 0	130 10 50	Occ. white.....	D..... acetylene.	.....	.....
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
2363	HOLLAND ISLAND. ...	On island.....	54 10 38	130 21 51	Occ. white.....	D..... acetylene.	32	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.
Steel cylindrical buoy, painted in red and black horizontal bands, and surmounted by a pyramidal steel frame supporting the whistle and lantern.		1908	Whistle sounded by motion of buoy on the waves.		2359
Red lantern rising from red roof of white square wooden building. White rectangular wooden fog alarm building with red roof.	30	1898 Fog alarm 1908	Diaphone, operated by compressed air, gives one blast of 4 seconds duration every minute.	Visible over an arc of 233° between the bearings S. 75° W. through N. to S. 52° E. Fog alarm building close southward of lighthouse.	2360
Red steel cylindrical buoy, surmounted by a red pyramidal steel frame supporting the whistle and lantern.		1905 Gas 1907	Whistle sounded by motion of buoy on the waves.		2361
White steel cylindrical tank, surmounted by a red pyramidal steel frame supporting the lantern; white steel framework foundation.		1907		Visible from all points of approach by water. Light is unwatched.	2361½
White steel cylindrical tank, standing on a white steel framework, and surmounted by a red pyramidal steel frame supporting the lantern; stone foundation.		1907		Visible from all points of approach. Light is unwatched.	2361½
Black steel cylindrical tank, surmounted by a black pyramidal steel frame supporting the lantern; black concrete foundation.		1907		Visible from all points of approach. Light is unwatched.	2361½
Black steel cylindrical tank, surmounted by a black pyramidal steel frame supporting the lantern; black steel framework foundation.		1909			2361 ¾
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
Black steel cylindrical tank, surmounted by a black pyramidal steel frame supporting the lantern; black steel framework foundation.		1908		Visible from all points of approach. Light is unwatched.	2363

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.
2365	COAST ISLAND	Front light on top of Coast Island.	54 12 43	130 19 53	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	PRINCE RUPERT HARBOUR. GEORGIA ROCK GAS AND BELL BUOY.	Close southeastward of Rock.	54 13 7	130 21 42	Occ. white.....	D, gas.....	.....	.....
2369	BARRETT ROCK GAS BUOY.	Close off Barrett Rock.	54 14 29	130 20 36	Occ. red.....	D, gas.....	.....	.....
2368	SPIRE LEDGE GAS BUOY.	In 3½ fathoms, off east end of ledge.	54 14 49	130 21 17	Occ. white.....	D, gas.....	.....	.....
2370	CASEY POINT GAS BUOY.	In 7 fathoms, 1/8 mile S. 47° W. from the point.	54 16 21	130 21 43	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
2375 1/2	ALFORD REEFS GAS BUOY.	W. side of reefs, entrance to Metlakatla Bay.	54 18 11	130 30 14	Occ. white.....	D, gas.....	.....	.....
2376	HODGSON REEFS GAS AND WHISTLING BUOY.	To the west of reefs....	54 22 47	130 32 22	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 steel cylindrical tank, surmounted by white pyramidal steel frame supporting a lantern; white steel framework foundation.	23	1907		Light is unwatched..... Light screened on southeast side and will not be visible over the bank off Kitson island.	2365
White steel cylindrical tank, surmounted by white pyramidal steel frame supporting a lantern; white steel framework foundation.	23	1907		Light is unwatched..	3666
Black steel cylindrical buoy, surmounted by a steel frame supporting a bell and lantern.		1909	Bell rung by motion of buoy on the waves.		2367
Red steel cylindrical buoy, surmounted by a pyramidal steel frame supporting a lantern.		1907			2369
Black steel cylindrical buoy, surmounted by a pyramidal steel frame supporting a lantern.		1907			2368
Red steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the lantern.		1908			2370
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.; except between the bearings of S. 83° E. and S. 88° E., where it is obstructed by trees on the offlying islets.	2374
Red steel cylindrical buoy, surmounted by a red pyramidal steel frame supporting the lantern.		1907			2375
Black steel cylindrical buoy, surmounted by a black pyramidal steel frame supporting the whistle and lantern.		1907	Whistle sounded by motion of buoy on the waves.		2376

PROVINCE OF

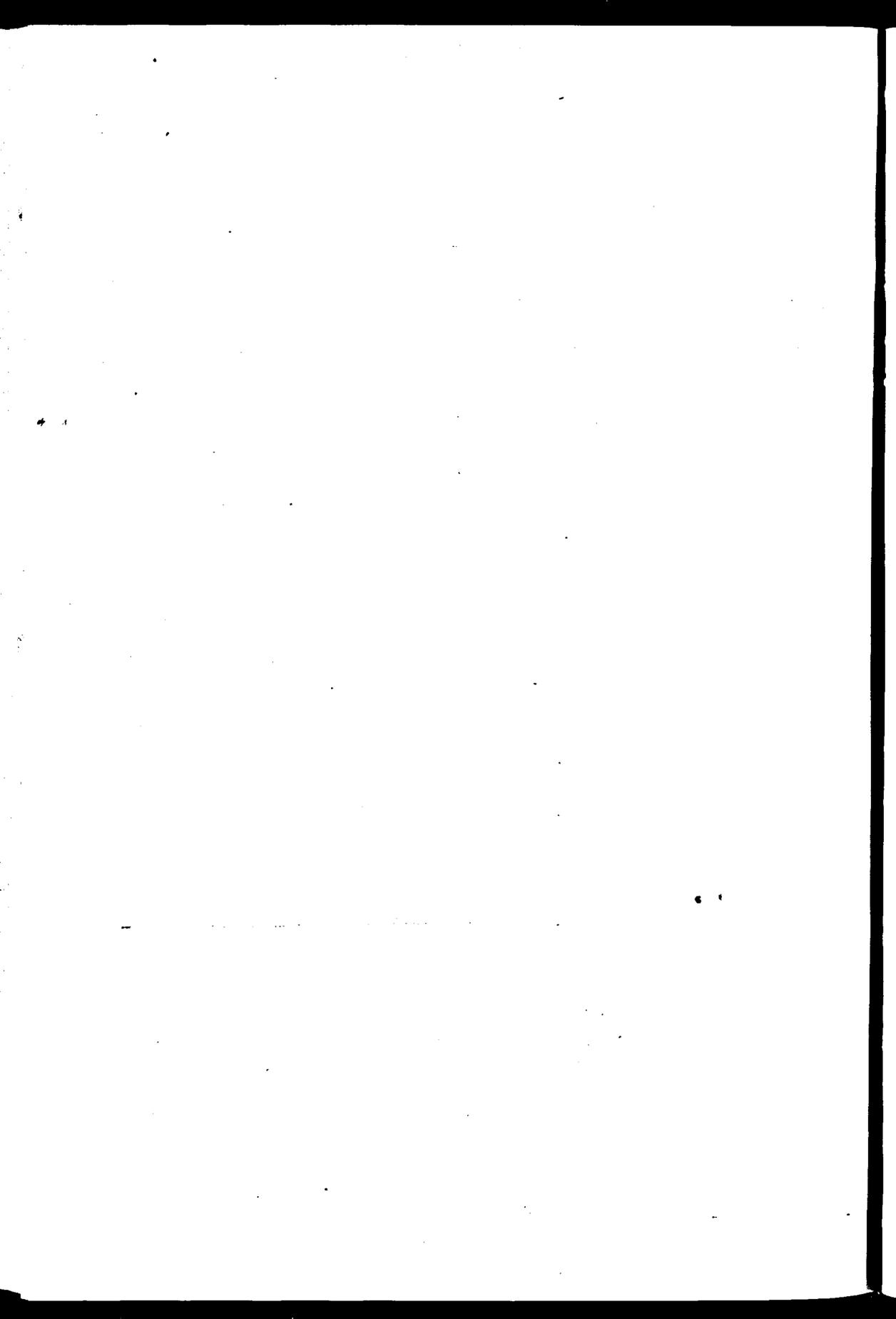
PACIFIC COAST

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.
2378	BIRNIE ISLAND	On southwest end of island.	54 35 30	130 28 12	F. white.....	D, p..	65	10
2379	POINTER ROCKS....	On the southernmost rock.	54 36 19	130 32 36	Occ. white.....	D.... acetylene.	32	10
2382	GREEN ISLAND.....	On southwesterly point of island.	54 34 1	130 42 36	F. white..... Flash 787 sec. Eclipse 4'338 "	D, 3..	81	14
2386	BROWNING ENTRANCE GAS AND WHISTLING BUOY.	Off N. end of Banks island.	.....	.....	Occ. white.....	D, gas	.....	.....
2392	NEW ENGLAND ROCK GAS AND WHISTLING BUOY.	In 17 fathoms, $\frac{1}{6}$ mile N.W. from rock, entrance to Skincuttle inlet.	52 19 0	131 8 41	Occ. white.....	D, gas	.....	.....
2400	LAWN POINT GAS AND BELL BUOY.	In 25 fathoms, W. of Skidegate bar and $1\frac{1}{2}$ miles S. 66° E. from the boulder on Lawn point.	53 24 32	131 53 39	Occ. white.....	D, gas	.....	.....
	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.	.....	.....	.....

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.
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
Red steel cylindrical tank, surmounted by a red pyramidal steel frame supporting the lantern; red steel framework foundation.	30	1907	.....	Visible from all points of approach. Light is unwatched.	2379
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
Red steel cylindrical buoy, surmounted by a pyramidal steel frame supporting the whistle and lantern.	.....	1909	Whistle sounded by motion of buoy on the waves.	.....	2386
Black steel cylindrical buoy, surmounted by a black pyramidal steel frame supporting the whistle and lantern.	.....	1907	Whistle sounded by motion of buoy on the waves.	From the buoy, Deluge point bears S. 10° W. distant 1¼ miles.	2392
Black steel cylindrical buoy, surmounted by a black steel frame supporting the bell and lantern.	.....	1907	Bell rung by motion of buoy on the waves.	.....	2400
.....	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.	



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