

The light is a fixed white light, elevated 50 feet above high water, and should be visible in clear weather from a distance of twelve miles when in line with St. Andrew Point Light.

The illuminating apparatus is catoptric, or by reflectors.

The light is shown from a mast 30 feet high, with a shed at its base, which, from the water, is hidden by trees. It is situated N.W. by W. approximately about half-a-mile from St. Andrew Point Light (fixed red seaward, as heretofore).

NOTE.—Entering the harbour, these lights kept in line lead clear of Wheeler Bar on the port hand, and the Knoll on the starboard hand, and upon nearing St. Andrew Point, or when Georgetown Wharf bears north, the course may be altered towards the anchorage.

BAY OF FUNDY.—WEST COAST.

CAMPABELLO ISLAND.—LUBECK NARROWS.

(2.) *Fixed Light on Mehollan Point.*

Also, that on 15th March, 1885, a light would be exhibited from a lighthouse erected on Mehollan (Mulholland) Point, Campobello Island, to guide through Lubeck Narrows:—

The light is a fixed white light, visible between the bearings of N.N.W., through east, and S.S.W.; it is elevated 60 feet above high water, and should be seen in clear weather from a distance of thirteen miles.

The illuminating apparatus is dioptric, or by lenses.

The lighthouse, 44 feet high, is a square wooden tower, painted white.

Position, lat. $44^{\circ} 51' 55''$ N., long. $66^{\circ} 58' 50''$ W.

[The bearings are magnetic. Variation (1.) $24\frac{3}{4}^{\circ}$, (2.) $18\frac{3}{4}^{\circ}$, Westerly in 1885.]

By command of their Lordships,

W. J. L. Wharton, Hydrographer.

Hydrographic Office, Admiralty, London,
20th March, 1885.

This Notice affects the following Admiralty Charts:—Northumberland Strait, Eastern Part, No. 2034 (1); Cardigan Bay, No. 2029 (1); Halifax to Delaware River, No. 2670 (2); Bay of Fundy, Sheet 1, No. 352 (2); Quoddy Head to Point Lepreau, No. 2013 (2); Campobello Island, No. 2020 (2). Also, Admiralty List of Lights in British North America, 1885, No. 200, page 40; St. Lawrence Pilot, Vol. II, 1881, pages 122–124; Sailing Directions for S.E. Coast of Nova Scotia and Bay of Fundy, 1875, page 200; and Sailing Directions for the Principal Ports in the United States, 1882, pages 4–6.

NOTICE TO MARINERS.

(No. 44.)—NEWFOUNDLAND—EAST COAST.—CATALINA HARBOUR.

(1.) *Green Island Lighthouse—Alteration in Fog-Signal.*

THE Government of Newfoundland has given notice, dated 7th February, 1885, that the fog-horn at Green Island Lighthouse, south side of Catalina Harbour Entrance, heretofore sounded for periods of five seconds with intervals of thirty-five seconds, will in future be sounded for a period of ten seconds, with intervals of silence of thirty-seven seconds.

CONCEPTION BAY.

(2.) *Brigus Bay—Fixed Red Light on North Head.*

Also, that on 1st March, 1885, a light will be exhibited from a lighthouse recently erected on North Head, Brigus Bay Entrance:—

The light is a fixed red light, elevated 113 feet above the sea, and should be visible in clear weather from a distance of twelve miles.

The illuminating apparatus is dioptric, or by lenses, of the sixth order.

The lighthouse, 24 feet high, constructed of iron, and circular in shape, is painted red and white, in alternate vertical stripes (three red and three white). The keeper's dwelling, fourteen feet southward of the lighthouse, and connected therewith by a covered stairway, is a square wooden building, also painted red and white in vertical stripes.

Position, lat. $47^{\circ} 32' 55''$ N., long. $53^{\circ} 10' 35''$ W.
ST. JOHN'S HARBOUR.

(3.) *Fort Amherst—Additional Fog-Signal.*

Also, that on 1st March, 1885, a mechanical fog-horn, worked by hand, would be established at Fort Amherst, South Head, St. John's Harbour Entrance:—

This horn will be sounded by the keeper, between the intervals of firing the fog-gun, in reply to a vessel's gun or whistle. The gun will be fired, as heretofore, once in every hour during daylight when Cape Spear is obscured.

By command of their Lordships,

W. J. L. Wharton, Hydrographer.

Hydrographic Office, Admiralty, London,
24th March, 1885.

This Notice affects the following Admiralty Charts:—Catalina Harbour, No. 489 (1); St. John's to Halifax, No. 2666 (2, 3); Newfoundland Island, No. 232a (2, 3); Cape Bonavista to Bay Bulls, No. 296 (2, 3); Carbonear to Brigus Bay, No. 297 (2); St. John's Harbour, No. 298 (3). Also, Admiralty List of Lights in British North America, 1885, Nos. 8, 11b, 12; and Newfoundland Pilot, 1878, pages 233, 268, 273.

NOTICE TO MARINERS.

(No. 45.)—UNITED STATES—NORTH CAROLINA.—Cape Fear River—Leading and Beacon Lights.

THE United States Government has given notice, that on 1st March, 1885, the line of direction of the leading lights on Oak Island, western side of entrance to Cape Fear River, would be altered—by moving the southern light about 150 yards eastward of its previous position—so as to intersect the line of Bald Head leading lights, and guide to Smith Island new line of leading lights, which will be exhibited on the above date.

The rear beacon of Smith Island new lights consists of four piles, on which is built an open framework for the support of a river-lantern. The light is a fixed white light, elevated 15 feet above high water.

The front beacon consists of a triangular structure of three piles supporting a river-lantern. The light is a fixed red light, elevated 10 feet above high water.

NOTE.—Entering Cape Fear River by means of these leading lights, stand in from the fairway buoy with Bald Head leading lights in line, until Oak Island leading lights are nearly in line, when the course should be altered to port to follow the Oak Island range, care being taken to make the turn when to the westward of the point of intersection of these lights. Keep on Oak Island range only until the new leading lights on Smith Island come in line, when the course should be altered to starboard to follow those lights in line until Bald Head principal light bears E.S.E. Northward of this position, good anchorage may be found in about 4 fathoms.

Beyond this point, the following river lights are exhibited from day mark structures erected near the undermentioned places:—

Beacon No. 3. Battery Island, red light.

Beacon No. 4. Opposite Price Creek, red light.