

above high water mark. Latitude N. 48d. 4m. 40s.; longitude W. 66d. 22m. 20s. The back tower is placed on Montgomery Island. The light is elevated 27 feet above high water mark.

2. Campbellton Range Lights, Restigouche County, New Brunswick.—The front tower is placed on a pier beside the railway wharf; the light is elevated 24 feet above high water mark. Latitude N. 48d. 0m. 50s.; longitude W. 66d. 39m. 40s. The back tower is placed on Mr. Moffat's wharf. The light is elevated 24 feet above high water mark.

**HAY ISLAND RANGE LIGHTS.**—Two Range Lights have been erected upon Hay Island, Miramichi Bay, Northumberland County, N. B., to enable vessels, in seeking shelter, to clear the point of the shoal off the east end of the island. Latitude N. 47d. 14m. 19s.; longitude W. 65d. 3m. 40s. The front light is fixed white catoptric, exhibited from a lantern hoisted on a mast 15 feet high. It is elevated 23 feet above high water, and should be visible 10 miles. At the base of the mast is a small shed painted red. The back light is distant 210 feet from the front one. It is fixed white, catoptric, elevated 20 feet above high water, and should be visible 11 miles. The building is a square wooden tower, 21 feet high from base to vane, and is painted white.

**BUCTOUCHE RANGE LIGHTS.**—Two Range Lights, erected upon Dixon's Point, on the south side of Buctouche Harbor, Kent County, N. B., to guide vessels into Buctouche Harbor. The front building is situated on the Point near the water's edge, and close to the previously existing front beacon. Latitude N. 46d. 27m. 40s.; longitude W. 64d. 38m. 50s. The light is fixed white, catoptric, elevated 36 feet above high water mark, and should be visible 11 miles in the direction of the range. The tower is a square wooden one, 30 feet high from the base to the vane on the top of the lantern, and is painted white. The back range light is distant 1,050 feet N. W. by W. from the front one; the building is similar, 34 feet high, and shows a light also similar, elevated 41 feet above high water, and visible 12 miles.

Two Range Lights, erected upon Church or Indian Point, on the north side of Buctouche Harbor, in the County of Kent, N. B. The front light is fixed white, catoptric, elevated 23 feet above high water mark, and should be visible nine miles in line of range. Latitude N. 46d. 29m. 35s.; longitude W. 64d. 40m. 30s. It is situated close to the road which runs along the shore from Buctouche Village to Church or Indian Point. The back range light building is 1,940 N. N. W. ¼ W. from the front one. The light is fixed white, catoptric, elevated 53 feet above high water mark, and should be visible 12 miles in the direction of the range. Both buildings are small square towers, 23 feet high from the ground to the tops of the roof, painted white with red roofs. The two lights in range lead into the harbor through the deepest channel, clear of all obstructions, from the line of range from the Dixon's Point Lights to the point where the channel turns abruptly to the westward to enter the Buctouche River.

**FOX ISLAND RANGE LIGHTS.**—The Beacon Lights on the north-west end of Fox Island, Miramichi Bay, N. B., have been moved, and a third light added, and the lights as now arranged are in operation. All show fixed white lights, which should be visible 8 miles, from lanterns hoisted on mast. At the base of each mast is a shed painted white.

One of the lights is situated within 100 feet of the most northerly point of island. It is elevated 50 feet above high water mark, and has a post 40 feet high. Latitude N. 48d. 8m. 5s.; longitude W. 65d. 2m. 20s.

The second light is distant 1,051 feet S. E. ¼ S. from the first named, and will be 46 feet above high water mark, with a post 38 feet high.

The third light is distant 953 feet S. W. from the first named, and will be 36 feet above water mark, with a post 28 feet high.

The first and second in line range N. W. ¼ W, into the old Horseshoe Channel.

The first and third in line range N. E. through Portage Island Channel.

The second and third in line range W. by N., leading to the upper buoy of Horseshoe Shoal.

**CAPE JOURMAIN, STRAITS OF NORTHUMBERLAND.**—Latitude 46d. 10m. 0s. N.; longitude 63d. 51m. 0s. W. Visible from all points of approach from S. E. around by N. to W. The lighthouse is an octagonal wooden