

The front range light mast is on the beach 450 feet S.E. $\frac{1}{4}$ E. from the main tower. The fixed white catoptric light is shown from a lantern hoisted on a mast, having a shed at its base, the whole painted red. Height from ground to top of mast 23 feet. The light is 23 feet above high water mark, and should be visible 8 miles in and over a small arc on each side of the line of range.

The two lights in range N.W. $\frac{1}{4}$ W. lead over the bar outside the gully, from the outside buoy to a point opposite the second red buoy, whence the course is N.W. by N., opening the main tower to the northward until inside the harbour.

The main light is useful as a coast light, but nothing larger than fishing boats should attempt to enter the gully at night, and no stranger must attempt the entrance without a pilot. The front light is liable to be moved to suit changes in the channel over the bar.

Bridges Point.

The Chief Engineer of the department inspected this light last July and reports that the tower has been badly placed and is not sufficiently high. The necessary steps to remedy these defects are being taken.

Oromocto.

The new site necessary for this light has been surveyed and arrangements made for its purchase, and plans have been prepared for the new tower required.

Cape Tormentine.

A new building has been erected at Cape Tormentine to accommodate the ice boats for the mail service between the Capes, and also to accommodate the life-boat established at this point. The building is located immediately north of the railway track at Cape Tormentine wharf, and close to high water mark, so as to facilitate the launching of the boats.

The necessary building was erected from plans prepared in the department under contract by Messrs. Rhodes, Curry & Co., the lowest tenderers, their price being \$1,890.

BUOYS AND BEACONS.

There are 852 buoys under the management of this agency, 57 coast buoys and 795 harbour and channel buoys.

The department purchased chain, links and shackles to the amount of \$1,411.59 from Messrs. Timothy Parks & Son.

Three new bell buoys were purchased from Mr. Geo. Matheson at a cost of \$2,805.

Bell buoy off Partridge Island.

This buoy was repaired in the spring and replaced by the steamer "Lansdowne," and to all appearances is in good order.

Black Rock Automatic Buoy.

This buoy was lifted in August last, the moorings overhauled and another moored in its place. The work was done by the steamer "Lansdowne."