

The lantern is hoisted on a mast 27 feet high. The position of the light is liable to be moved to suit the changes in the channel, and only 3 feet can be depended on at low water on the bar.

#### Buoys.

##### *North Point.*

It has been determined to establish an automatic whistling buoy on the end of the reef off North Point, Prince Edward Island. The contract for the construction of this buoy, and also for the construction of a spare automatic whistling buoy, to be kept in stock as a spare buoy, to replace the whistling buoy off Rifle Reef and Tryon Shoal or North Point, as required, has been awarded to the Truro Machine and Foundry Company, who agree to deliver the two buoys on the opening of navigation next year at Pictou, at a cost of \$820 apiece.

### BRITISH COLUMBIA LIGHTHOUSE DIVISION.

This division comprises all Canadian waters on the Pacific coast, and is under the charge of Capt. James Gaudin, agent of the department at Victoria.

There are in this province thirteen light stations, five of which are steam fog-alarms, and at three others, bells rung by machinery. There are also four lighted buoys, at two stations. The above are in charge of fifteen keepers, some of whom supply assistants out of the salaries allowed.

#### NEW FOG-ALARMS.

##### *Active Pass.*

The establishment of a steam fog-alarm at this station has been carried out on the lines indicated in last year's report. The necessary building and tank, and tank-house for the collection of rain-water, were erected by contract by Messrs. Crowe & Wilson, of Vancouver, at a cost of \$2,080.

The fog-alarm was put in operation on the 15th October last, and consists of blasts of 6 seconds duration from a horn, with intervals of 24 seconds between the blasts. The fog-bell previously maintained at the station has been discontinued.

The fog-alarm building is a square wooden building, painted white, with a brown roof, and stands within 70 feet of the extremity of Georgina Point, Active Pass, north-east of the lighthouse.

The horns face north and are elevated about 20 feet above high water mark. The water tank-house, also of wood, painted white, stands behind the fog-alarm building. The machinery is in duplicate, so that in the event of horn or boiler becoming inoperative the other may be used.

The total expenditure in connection with the establishment of this fog-alarm station has been \$5,089.75.

##### *Entrance Island.*

Steps have been taken to establish a steam fog-alarm at this station.