

Brocton Point.

The keeper has erected a small house for himself at the back of the tower without expense to the department.

Nanaimo Harbour Lights.

A boathouse has been built for the use of the keeper of the buoy lights in Nanaimo harbour, which also serves as a store-room for oil, etc. Since its erection the boathouse was upset by a gale and has been re-erected.

BUOYS AND BEACONS.

Buoy on Alford Reef.

The establishment of a large spar buoy on Alford reef in the approach to Metlah Catlah has been authorized, and a buoy will be placed on the next trip north of the "Quadra."

Fraser River buoys.

Owing to the high stage of the water on the Fraser River and the swiftness of the current, these buoys were dragged with the moorings into the Gulf of Georgia, and a considerable expense incurred in the salving. They have all been picked up and re-established in good order. This work is carried on by the snag-boat "Sampson," which proves to be well adapted for this service.

Sturgeon Bank beacons.

The north and south pile beacons on Sturgeon Bank, off the mouth of the Fraser River, were carried away last spring, but were replaced at a cost of \$136.37.

Grassy Point beacon.

The single pile beacon off Grassy Point, in Baynes Sound, has been carried away, and has been temporarily replaced by a buoy. It is proposed to renew it at the first opportunity.

Kelp Reef beacon.

In accordance with the proposal described in previous reports a stone masonry beacon has been built on Kelp Reef, Haro Strait. This work was done under the direct supervision of the agent, and principally by the crew of the Dominion steamer "Quadra." The total expenditure in connection with it was \$673.92.

The beacon stands upon that part of the reef which uncovers at low water. The masonry is in the form of the frustum of a cone, 16 feet in diameter at the base, 9 feet in diameter at the top and 20 feet high. The staff and ball rise 12 feet above the stonework and are painted black. The stonework is 10 feet, and the top of the ball 22 feet above high water mark.

The spar buoy heretofore marking the reef became unnecessary in consequence of the establishment of this beacen, and has been removed.

Six-foot buoys.

As indicated in last year's report, two new steel can-buoys 6 feet in diameter, surmounted by masts and cages, were made by the British Columbia Iron Works,