

on inside of island, 46 feet base to vane, fixed white catoptric light, 50 feet high. Front range 1200 feet S. E. by E  $\frac{1}{2}$  E. from main light, open frame work, lantern white, fixed white light 18 feet high.

Darnley Basin range, 400 feet S. by E.  $\frac{1}{2}$  E. from main light. Fixed red light, shown from lantern on mast, 18 feet high. The main light is a sea light, the smaller one in range with it shows the channel over the bar with 15 feet, and ranging with the fairway buoy inside the bar, whence the channel is marked by the harbour buoys. There is a 13 foot spot between the Eastern Passage buoy and the fairway buoy.

**LITTLE CHANNEL**—Two range lights, fixed white, lat N.  $46^{\circ} 40' 0''$ , lon. W.  $63^{\circ} 52' 40''$ . Outer light on Conway Inlet, N. side, white square wood, with kitchen attached 30 feet base to vane, light fixed white catoptric 26 feet above water. Front range 200 feet from main light, open framework, lantern white, fixed white light, catoptric, 16 feet high. In one, lead through channel with 5 feet at entrance to harbour. There is a ballast heap in the alignment at the point of the S. sand hill, to pass this the front light must be opened to N. Outer light liable to be moved to suit the change in the channel.

**SANDY ISLAND**.—Coast light S. W. part of island, entrance to Cascumpec, lat N.  $46^{\circ} 48' 22''$ , lon W.  $64^{\circ} 2' 20''$ . White square wood with dwelling attached, 41 feet base to vane, fixed white catoptric light, 45 feet above high water, visible 12 miles.

**Northport Range Lights**. The masts heretofore in use have been substituted by two open skeleton lighthouse towers. Each tower is an open framed wooden building surmounted by a square wooden lantern. and has its side facing the channel slatted to make it a more conspicuous leading mark. The whole building is painted white. Both lights are fixed red and should be visible 3 miles on the line of range. The front tower stands on a bank 990 feet W.  $\frac{1}{2}$  N. from the position formerly occupied by the front range mast near the outer end of the Queen's wharf. It is 29 feet high from the ground to the vane of the lantern. The light is 31 feet above high water. Lat N.  $46^{\circ} 48' 16''$ , lon W.  $64^{\circ} 2' 6''$ . The back range tower stands 1125 feet W.  $\frac{1}{2}$  N. from the front one and is 41 feet high and the light is elevated 42 feet above high water mark.

Vessels entering Cascumpec harbour keep the Savage Island range lights in one until the Northport range lights are nearly closed when they should change their course for the Northport range, being careful not to overrun the line of range, as the channel at the point of intersection is narrow and the tide strong. The Northport range leads in to the wharf clear of all obstructions.

**BIG TIGNISH**.—Two range lights. Back range light on beach at inner end of N. breakwater pier. Lat N.  $46^{\circ} 57' 35''$ , lon W.  $63^{\circ} 59' 20''$ . Building white square wood, with a black horizontal band 33 feet high. Fixed white catoptric 35 feet high, visible 11 miles. Front light on outer end of N. breakwater pier 620 feet S. E.  $\frac{1}{2}$  E. from main light. Fixed red light is shown from a lantern on a mast with white shed at base. Light elevated 18 feet above high water mark, and visible 5 miles. These two lights in range guide N. W.  $\frac{1}{2}$  W. between the breakwaters.

#### BERMUDA.

**GIBBS HILL**, on summit, lat  $32 15 4$  N, lon  $64 51 36$  W, revolving white light every minute, 362 feet high, visible 24 miles. Seen around horizon except between the bearings S  $50^{\circ}$  W, and S  $54^{\circ}$  W, also  $55^{\circ}$  W to S. Building circular, iron, white.

**MOUNT HILL**, near St. David's Head, lat  $32 22$  N, lon  $54 41$  W, fixed white, 208 feet high, visible over  $270^{\circ}$  from N E  $\frac{1}{2}$  E to S E  $\frac{1}{2}$  S, bearing S E by S. The light is hidden by St. George's Island.