

COGSWELL—Sachometers, Hydrometers.

PICKFORD & BLACK, Ship Brokers & Steamship Agents, Halifax, N. S.

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ROBERT H. COGSWELL'S

[1898

HARBOR GRACE ISLAND, lat 47 42 45 N, lon 13 8 15 W, revolving light, 2 white flashes followed by 1 red, each attains its greatest brilliancy every 30 seconds, visible 15 miles.

HARBOR GRACE BEACH BEACON and LIGHT, lat 47 41 28 N, lon 53 12 35 W, fixed white light, 40 feet high in a white tower on the point of beach at the entrance of Harbor Grace, visible 7½ miles. Entering it with a fair or leading wind, bring it to bear W or S W, and by keeping the light or building a little on the starboard bow, it will bring you clear of the bar on which at low water there is not more than eight feet of water.

GREEN POINT, Bay Roberts, on Point, lat 47 37 N, lon 53 10 W, one white light fixed, visible 8 miles. Building circular, red and white bands. Immediately beneath the principal light is a projecting lantern from which 3 lights are exhibited. The two outer lights show white, and the centre light in line with Southern Rocks bearing on S W ½ W, show red.

CAPE ST. FRANCIS, lat 47 48 30 N, lon 52 46 50 W, fixed red light, 123 feet high, visible 12 miles.

CAPE ST. FRANCIS FOG ALARM.—During thick weather and snow storms a powerful Siren Trumpet will be sounded 5 seconds—5 seconds and silent 45 seconds in each minute. The buildings are of wood, painted white, the roofs flat, lantern on higher roof elevated above it on a square block; the tower building is the fog alarm house.

FORT AMHERST, at the entrance of St. John's, lat 47 35 54 N, lon 52 40 18 W, fixed white light, 114 feet high, visible 12 miles. When Cape Spear is enveloped in fog, a heavy piece of ordnance is also discharged at this fort every hour during daylight to assist vessels in making the harbor.

ST JOHN'S, a diamond-shaped mark, painted black, has been erected close to the sight of the gable of S. March & Sons store, and a large placard is placed behind it with the words "Leading Mark" painted on it. The diamond on with centre cross of R. C. Cathedral is the temporary day mark. A red light is shown from a pole a few yards eastward of site of Custom House. Leading light in line N W ¾ W.

CAPE SPEAR, lat 47 31 11 N, lon 52 36 59 W, white light revolving every minute, visible 22 miles, 264 feet high.

CAPE SPEAR ALARM.—A trumpet, sounded by the escape of compressed air, was placed in 1878 at this station, in a wooden building on the Bill of the Cape, nearly 600 yards N N E from the light house. It will be sounded for 7 seconds of each minute during thick weather or snow storms. The range of sound will probably be from ½ to 10, according to the direction and intensity of the wind or other atmospheric disturbance.

FERRYLAND HEAD, lat 47 0 58 N, lon 52 51 7 W, fixed white light, 200 feet high, visible 16 miles, red brick tower, dwelling white with red roof, detached from the tower.

CAPE RACE, on the Cape, lat 46 39 24 N, lon 53 4 17 W, white light revolving every 30 seconds, visible 30 miles. 180 feet high, circular, S E face striped red and white vertically, height 40 feet. Whistle sounds 10 seconds in every minute, and heard from ten to thirty miles, according to wind and weather.

CAPE PINE, lat 46 37 4 N, lon 53 31 45 W, fixed white light, 314 feet high, visible 20 miles, iron tower.

LAHAYE, on Point, lat 46 54 N, lon 53 37 W, 1 fixed white light, visible 9 miles. Building circular, red and white bands.

CAPE ST. MARY'S, lat 46 49 34 N, lon 51 11 34 W, revolving light, producing alternately every minute a brilliant red and white light, 390 feet high, visible 23 miles, brick tower, with dwelling on each side, roof red.

MACDONALD & CO., Manufacturers of Copper and Lead Tanks.

Pickford & Black's West India Steamship Line, between Halifax and Demerara.

Macdonald & Co., Machinists, Steam-fitters, Brass-founders, Halifax.