

colonial Railway. St. John is connected by telegraph with all parts of Canada and the United States.

Steam Communication.—St. John has constant steam communication with the United States.

The United States is represented by a consul and vice-consul.

Partridge Island.—Partridge Island is about $\frac{1}{2}$ mile in length and 80 feet high; it is distant $\frac{1}{2}$ mile from Negro Point on the mainland, there being as little as 4 feet in mid-channel between.

Should the bell buoy off the NE. end of Partridge Island be gone, Wesley chapel, in line with the middle of the stone barracks, bearing N. 12° W., clears the foul ground off Partridge Island.

Charges.—Harbor dues for vessels of 500 tons, and upwards \$3.50, and 25 cents for every 50 tons such vessel may measure over that. Pilotage, inward, varies between \$1.25 and \$2.80 per foot; outward, \$1.60 to \$2.50, according to distance. Anchorage dues, from 50 to 100 tons \$1, and 25 cents for each 50 tons additional. Health fees, 2 cents per ton. Ballast, discharging, per ton, 40 cents. Ballast, free on board, per ton, 80 to 90 cents. Cost of water, 1 cent per gallon; cost of vessel stores are regulated by the market at New York. Towage for vessel of 250 tons \$15; \$5 for each 100 tons or part of same additional.

Shag Rocks, which dry at low water, are $\frac{1}{2}$ mile in extent, and their outer end lies about $\frac{1}{2}$ mile from the shore between Sheldon and Negro Points; near their outer end a small rock dries 6 feet at low water. These rocks can scarcely be described as dangerous, inasmuch as they lie within the line joining Sheldon Point and the north end of Partridge Island.

Tides.—It is high water, full and change, in St. John Harbor at 11h. 21m.; springs rise 27 feet, neaps 23 feet.

The great volume of water which runs through St. John Harbor during the freshets from the melting of the ice and snow in April and May causes a continued superficial ebb, the velocity of which varies from $2\frac{1}{2}$ to 5 knots; underneath this outset—sometimes 5 fathoms deep—the tides ebb and flow regularly. Abreast the city the tidal stream runs in an hour after the time of high water by the shore, in consequence of the difference of level already alluded to; here also as a rule the flood is weak, but the ebb runs rapidly down past Meogenes Island.

Directions.—Unless in case of necessity strangers should never attempt to enter St. John Harbor without the assistance of a pilot, for the narrow and intricate channel is bordered with sharp rocks, and numerous accidents have occurred to vessels attempting the navigation without local knowledge.

To enter the harbor on the east side of Partridge Island, steer so as to pass close to the eastward of the bell buoy off that island in order to clear the ledges, and when Carleton Church comes in line with Cliff end steer for them until Stone Church, with a conspicuous square tower, comes in line with the end of the breakwater, bearing N. 15° W.,