

COGSWELL.—Compasses.

PICKFORD & BLACK'S W. I. S. S. Lines between Turk's Island & Jamaica.

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ROBERT H. COGSWELL'S

[1892

....Port le Meule, lat 16 20 N, lon 61 20 W, fixed white light, visible 12 miles.
....Basse Terre, on Mole, lat 16 0 N, 61 45 W, 2 fixed red lights, visible 9 miles.

Antigua, I., (E) Sandy Island, lat 17 7 N, lon 61 54 W, fixed white light, visible 12 miles, 56 feet high, black wooden structure, height 53 feet. The light bearing S S W clears Diamond Bank, and bearing N by E clears Hurst and Irish Banks, and shoals to the southward.

Mariagalante, I., Grand Bourg, lat 15 54 W, lon 61 17 W, fixed white light, visible 7 miles, centre of lantern 5 feet high.

Montserrat, I., (E.) On beach at Plymouth, lat 16 42 N, lon 62 13 W. A light from a lantern is shown when mail steamer is expected.

St. Christopher, I., (E.) On Beach at Basse Terre, lat 17 18 N, lon 62 43 W, fixed red light, visible 4 miles, lighthouse wooden frame, 33 feet from base to vane, centre of lantern 37 feet high.

St. Martin's Island, Old Fort of Amsterdam, Grand Bay, fixed white light, visible 8 miles, centre of lantern 150 feet high.

Sombrero, I., (E.) On the S E side of the island, one third its length from South Point, lat 18 36 N, lon 63 28 W, white light, revolving every minute, visible 20 miles, red open iron frame work, centre of lantern 150 feet high, height of structure 132 feet.

Virginia Islands, (Da.) St. Thomas, east side of entrance, Mohlenfel's Point, lat 18 19 N, lon 64 55 W, fixed white light, visible 12 miles, lighthouse white, centre of lantern 118 feet high.

Santa Cruz or St. Croix Island, (Da.) Freckerickstadt Fort, lat 17 43 N, lon 64 53 W, fixed white light, visible 4 miles.

....*Christianstadt Fort*, lon 17 45 N, lat 64 41 W, fixed white light.

Puerto Rico Island, (S.) Morro Point Port, San Juan, lat 18 29 N, lon 66 7 W, white fixed and flash light, a flash of five seconds duration every minute, visible 18 miles, centre of lantern 171 feet high, tower white octagonal iron. On Muertos Island, masonry, light house, white, F and Fl, Fl every 3 minutes, visible 18 miles, lat 17 53 N, lon 66 34 W.

....*Cape St. Juan*, a red and white light revolving every two minutes, visible 17 miles.

....*Celebra*, white fixed light, visible 16 miles.

....*Cape Roxo*, light white, light flashes every 45 seconds.

....*Mayaguez Bay, Pier Head*. Fixed red light. Harbor light.

Hayti or San Domingo, I. San Jose Fort, lat 18 28 N, lon 69 52 W, alternate red and white light, revolving every minute, visible 15 miles, cuscola white, centre of lantern 95 feet high. None of the lights on the Island of San Domingo are to be depended on.

....*Arcadians Isles*, lat 18 47 N, lon 72 38 W, one fixed white light, visible 9 miles, from North $\frac{1}{2}$ to N $\frac{3}{4}$ E by trees.

....*Port au Prince*, lat 18 33 N, lon 72 25 W, red light, revolving every half minute, 97 feet high, visible 15 miles.

Plato, port S S E, 350 yards from extremity of E entrance point, lat 19 49 N, lon 79 41 W, white light, revolving every 20 seconds, visible 14 miles, 137 feet high, octagonal tower, height 60 feet.

Jamaica, I., (E.) Morant Point, lat 17 65 N, lon 76 12 W, white light, revolving every minute, visible 15 miles, white iron tower, height 96 feet, centre of lantern 115 feet high. Visible when bearing about N N E $\frac{1}{2}$ E, round by west round to S E by S.

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