

**All kinds of Nautical work repaired, at COGSWELL'S.**

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

1892]

NAUTICAL ALMANAC.

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....Plum Point, 66 yards northward of point, lat 17 56 N, lon 76 47 W, fixed red and white light, visible 12 miles, lighthouse white, centre of lantern 68 feet high. Red between the bearings of N W by W  $\frac{3}{4}$  W, and E  $\frac{1}{2}$  E. White from N  $\frac{1}{2}$  E, round by S to S E.

....Fort Augusta, lat 17 58 N, lon 76 52 W, single lamp suspended from the beacon centre of lantern 40 feet high. Fixed red and white light. The white light visible to the south and west, and red to the seaward.

Port Antonio, Folly Point, fixed white light on scaffold for mail steamers.

Port Guantomo, angle of Mole's Head, lat 20 1 N, lon 71 65 W, fixed light, one lantern has two white and two red glasses, the colored glasses toward the Bay. The red light marks the northern and the green light the southern angle, shewing the sides and heads of the Mole.

#### CUBA AND BAHAMA ISLANDS—Cuba with its Islands.

Santiago de Cuba, (Sp.) 100 yards east of the Moro Castle, lat 19 58 N, lon 75 54 W, white light, revolving every two minutes, visible 15 miles, lighthouse white, iron, height 20 feet, centre of lantern 226 feet high.

Cape Cruz, on Cape, lat 19 50 N, lon 77 44 W, white light with red flash, every three minutes, visible 16 miles, stone lighthouse, centre of lantern 144 feet high, keeper's dwelling yellow.

Port Xagua, or Cienfuegos, Colorado, east point of entrance, lat 22 1 N, lon 81 30 W, white light fixed and flash, every two minutes, visible 14 miles, light house Ville Neuva thereon, height 45 feet, centre of lantern 81 feet high.

Cochinos Bay, north part of Cay Piedras, lat 21 58 N, lon 81 3 W, fixed white light, visible 7 miles, lighthouse brown, 26 feet high, centre of lantern 30 feet high. Over keeper's dwelling.

Batabano, lat 22 41 N, lon 82 18 W, fixed white light, visible 3 miles, lantern on mast, 31 feet high.

Isles of Pine, lat 21 26 N, lon 83 6 W, revolving light, visible 16 miles. Proposed.

San Antonio, (Sp.) On Cape, lat 21 53 N, lon 84 58 W, white light revolving every  $\frac{1}{4}$  minute, visible 20 miles, lighthouse Roncoli thereon, height 107 feet, centre of lantern 117 feet high.

Jutias, on Cay, lat 22 43 N, lon 84 6 W, fixed and flash light. Proposed.

Goberhadora, on point, lat 23 N, lon 83 13 W, revolving light, visible 15 miles, centre of lantern 110 feet high. Proposed.

Havana, Mora Castle, east side of entrance, lat 23 9 N, lon 82 22 W, white light, revolving every half minute, visible 20 miles, lighthouse O'Donnell thereon, extinguished for ten minutes after midnight to clean and trim the lamps.

Guanos, on point, lat 23 9 N, lon 81 42 W, revolving light every minute, centre of lantern 93 feet high. Proposed.

Cardenis Bay, Beidras Cay, lat 23 41 N, lon 81 7 W, white light, fixed, with red flash every 2 minutes, visible 25 miles, tower on house, white, 67 feet high, centre of lantern 74 feet high.

....Cay Diana, lat 23 10 N, lon 81 7 W, fixed white light, visible 7 miles, iron column, centre of lantern 43 feet high.

Cruz del Padre Cay, on reef  $\frac{1}{4}$  of a mile N E of Cay, lat 23 17 N, lon 80 54 W, fixed white light, visible 10 miles, lighthouse conical, white, height 46 feet, centre of lantern 49 feet high. Not to be depended on.

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MACDONALD & CO., Makers of Tumbler Racks, &c.—See p. 3, cover.