

1887]

NAUTICAL ALMANAC.

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MACDONALD & CO., Manufacturers of COMPOSITION RUBBER BRACES.—See adv. p. 3 cover.

PICKFORD & BLACK, SHIP CHANDLERS, MANILA, AND HEMP ROPE.

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 14 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, $\frac{3}{4}$ 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 upon.

Bahia de Cadiz, N E part of Cay, lat 23 12 N, lon 80 29 W, white light, revolving every minute, visible 24 miles, house iron, white, height 159 feet, centre of lantern 175 feet high.

Port Sagua le Grande, N W Point of Hicacal Cay, lat 23 14 N, lon 80 4 W, fixed white light, visible 6 miles, mast on dwelling, centre of lantern 55 feet high. The keeper's dwelling has red doors and windows, and eastward of it there are a few huts.

Paredon Grand Cay, north part of Cay, lat 22 29 N, lon 78 10 W, white light, fixed and flash every minute, visible 26 miles, house iron, white, with a brown base, height 117 feet, centre of lantern 159 feet high.

Neuvas Harbor, Barlovento Point, lat 21 37 N, lon 77 5 W, fixed white light, visible 9 miles, on white mast from centre of building, height 44 feet, centre of lantern 49 feet high. Keeper's dwelling is quadrangular yellow.

.... Maternillos Point, lat 21 40 N, lon 77 9 W, white light with flash every minute, visible 23 miles, house white, Colon thereon, height 170 feet, centre of lantern 273 feet high.

Lucrecia, on point, lat 21 5 N, lon 75 38 W, red light, revolving every minute, visible 15 miles, house stone, white, centre of lantern 112 feet high.

Baracoa, 250 yards E S E of Barlovento Point, lat 20 22 N, lon 74 30 W, fixed white light, visible 13 miles, iron column, height 29 feet, centre of lantern 48 feet high. On keeper's dwelling.

Cape Maysi, east point of Cuba, lat 20 15 N, lon 74 40 W, fixed white light, visible 17 miles, tower circular, centre of lantern 128 feet high.

Bahama Islands.

Lobos Cay, (E.) On Bay, lat 22 22 N, lon 77 35 W, fixed white light, visible 16 miles, house circular, iron, broad block, 7 in number, and white, 6 in number, bands height 150 feet, lantern white, centre 146 feet high, base surrounded by keeper's dwelling.

Cay Sal Bank, N Elbow, Double-headed Shot Cays, lat 23 56 N, lon 80 28 W, fixed white light, visible 15 miles, stone conical tower, white and red upper part, height 58 feet, centre of lantern 96 feet high. Not visible when it bears S W $\frac{1}{4}$ W, being intercepted by Water Cay when three leagues distant.

Gun Cay, near South Point, lat 25 34 N, lon 79 19 W, red light revolving every minute and a half, visible 12 miles, conical tower, upper part red, lower white, height 79 feet, lantern white, centre 80 feet high. Not seen between the bearings of S by W $\frac{1}{4}$ W, and S $\frac{3}{4}$ E, being intercepted by the Bemini Isles when 8 miles distant.

Great Isaac, on the Inland, lat 26 2 N, lon 79 6 W, white light, revolving, every half minute, visible 16 miles, house iron with broad red bands, 8 in number, and white, 7 in number, horizontal bands, height 145 feet, lantern white, centre 158 feet high. Eclipses not total within 6 miles.

Great Stirrup Cay, (E.) 600 yards from E end of Cay, lat 25 50 N, lon 77 54 W, fixed white light visible 12 miles, house circular, five bands, red and